

SONY®

HD DIGITAL VIDEOCASSETTE RECORDER

HDW-250

HDCAM

ISR Interactive
Status
Reporting

MAINTENANCE MANUAL Part 2

Volume 2 1st Edition

Serial No. 10001 and Higher: HDW-250 (UC)

Serial No. 30001 and Higher: HDW-250 (J)

警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

設置や保守、点検、修理などを行う前に、別冊のメンテナンスマニュアルPart 1の「安全のために」と別冊のオペレーションマニュアルの「安全のために」を必ずお読みください。

WARNING

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

WARNING

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

AVERTISSEMENT

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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Manual Structure

Purpose of this manual

This manual is the maintenance manual of the HD Digital Videocassette Recorder HDW-250.

This manual is intended for use by the trained system and service engineers, describes the information (schematic diagrams, board layouts and spare parts list) that premise the service based on parts replacement.

Related manuals

The following manuals are prepared in addition to the Maintenance Manual Part 2, Volume 1 and Volume 2 (this manual).

- **Operation Manual (Supplied with HDW-250)**

This manual describes how to operate the HDW-250.

- **Maintenance Manual Part 1 (Supplied with HDW-250)**

This manual describes the maintenance information and the information on primary services.

Contents

The following is a summary of all the sections for understanding the contents of this manual.

Maintenance Manual Part 2 Volume 2

Section 1 Semiconductor Pin Assignments

This section describes the pin assignments of semiconductors used in HDW-250.

Section 2 Spare Parts

This section describes the spare parts.

Section 3 Block Diagrams

This section describes the overall block diagram and the block diagrams of the respective signal systems.

Section 4 Board Layouts

This section describes the board layout and locations.

Section 5 Schematic Diagrams

This section describes the frame diagram and the schematic diagrams of the boards.

Maintenance Manual Part 2 Volume 1

Section 1 Service Overview

Section 2 Mechanical Parts Replacement

Section 3 Tape Path Alignment

Section 4 Circuit Boards Replacement

Section 5 Electrical Alignment

Section 1

Semiconductor Pin Assignments

Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

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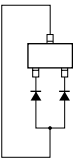
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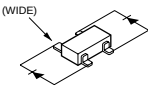
Diode, LED

DIODE

—TOP VIEW—

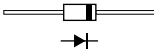


1S2836
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DAP202UT106
RB717F
RB717F-T106



DA227TL

—TOP VIEW—

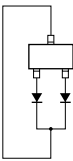


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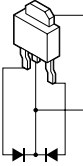


DTZ-TT11-12
DTZ12
MA8047
MA8047-TX
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RD3.9UH-T1
RD5.6SB
RD5.6SB-T1

—TOP VIEW—

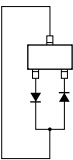


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DAN202UT106
RB715F
RB715F-T106



EA60QC06-TE16F2

—TOP VIEW—

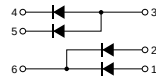


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DA204U
DA204UT106
SB007T03Q
SB007T03Q-TL

—TOP VIEW—



HN1D03FU-TE85L
HN1D03FU-TE85R

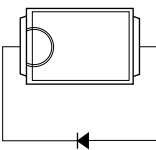


—TOP VIEW—



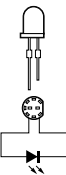
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1SS294-TE85L
SB007-03CP
SB007-03CP-TB
SB01-05CP
SB01-05CP-TB
SB01-15CP
SB01-15CP-TB

—TOP VIEW—

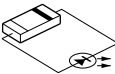


MBRS130LT3

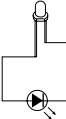
LED



BR5305S



CL-150PG-CD
CL-150PG-CD-T
CL-150R-CD
CL-150R-CD-T



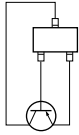
EBR3402S



PR5351K-TP-J304K

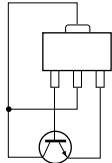
TRANSISTOR

—TOP VIEW—



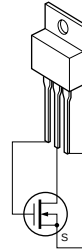
2SA1162G
2SA1330-06
2SA1330-T1O6
2SA1462
2SA1462-T1Y33Y34
2SA1610-T1Y33
2SA1610-Y33
2SA1611-M5M6
2SA1611-M6
2SA1611-T1M7
2SA1611T1-M5M6
2SA1885-T106
2SA1885-TL
2SA812-T1-M5M6
2SB1295-UL5
2SB1295-UL5-TB
2SB1295-UL6-TB
2SB815B7-TB

—TOP VIEW—

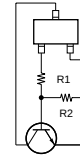


2SC2873Y-TE12L
2SC2982C-TE12L
2SD1614-T1XL
2SD1623-S

2SK2956



—TOP VIEW—

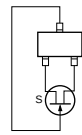


DTC114YKA-T146
(R1=10 K, R2=47 K)
DTC124EUA-T106
(R1, R2=22 K)
DTC124XE
(R1=22 K, R2=47 K)
DTC124XE-TL
DTC144EE
(R1, R2=47 K)
DTC144EE-TL
DTC144EUA-T106
(R1, R2=47 K)
DTC144WE
DTC144WE-TL

2SJ176



—TOP VIEW—



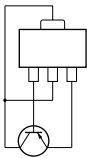
2SK711-BL
2SK711-BL/V-TE85L
2SK852-T1X2
2SK852-X2
2SK94-T1X3
2SK94-X4

—TOP VIEW—



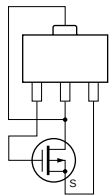
FMW10 (ROHM)
FMW10-T148

—TOP VIEW—



2SA1213Y-TE12L
2SB1114-T1ZL
2SB1121-ST
2SB798-DL

—TOP VIEW—



2SJ187
2SJ187-TD

2SK738

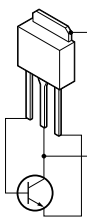


—TOP VIEW—

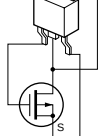


HN1C01FU-TE85R
XP4501-TXE

2SB1202FA-T-TL

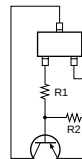


—TOP VIEW—

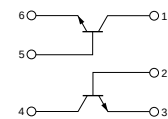


2SJ530S-TL

—TOP VIEW—



DTA114EKA-T146
(R1, R2=10 K)
DTA123JUA-T106
(R1=2.2 K, R2=47 K)
DTA124EUA-T106
(R1, R2=22 K)
DTA124XE-TL
(R1=22 K, R2=47 K)
DTA144EE
DTA144EE-TL
DTA144EKA-T146
(R1, R2=47 K)
DTA144EUA-T106
(R1, R2=47 K)
DTA144WE
DTA144WE-TL

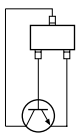


—TOP VIEW—



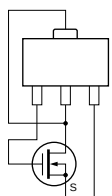
IMZ1
IMZ1T109

—TOP VIEW—

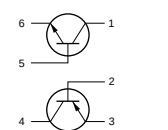


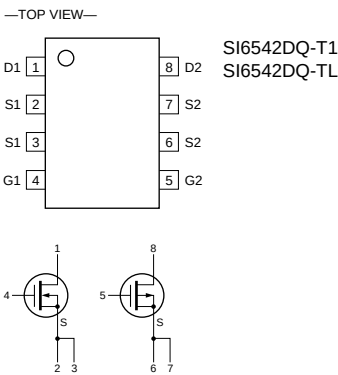
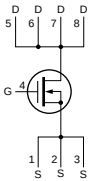
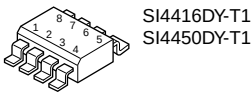
2SC1623
2SC1623-T1-L5L6
2SC3360-N15
2SC3360-T1N15
2SC3735-L-B35
2SC3735-T1B-B35
2SC4177-L6
2SC4177-T1L5L6
2SC4213-B
2SC4213B-TE85L
2SC5008
2SC5008-T1
2SD1935-CT7
2SD1935-CT7-TB
2SD2114KT146
2SD596-T1DV3
2SD596DV345

—TOP VIEW—

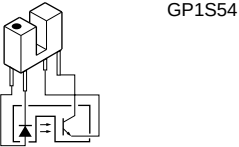
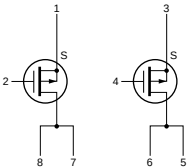
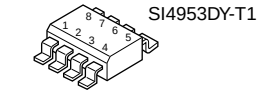
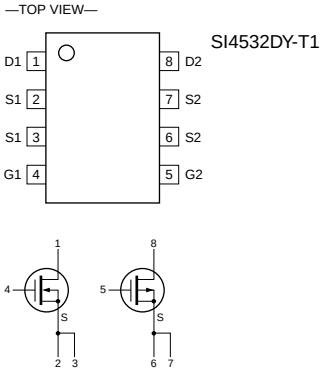
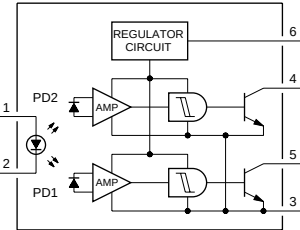
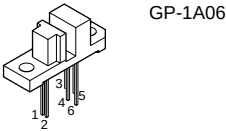
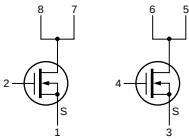
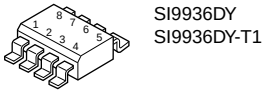
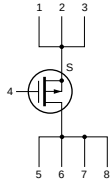
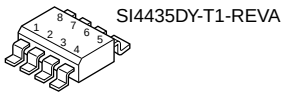
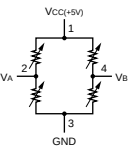
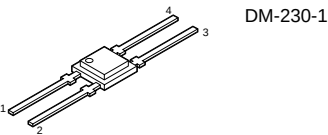


2SK2151-TD

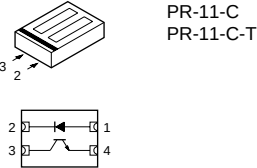




OTHERS



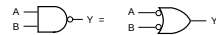
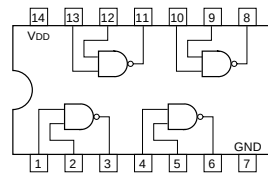
—BOTTOM VIEW—



IC

74LCX00MTCX (NS)
SN74HC00APW-E05
SN74HC00APW-E20 (TI)
TC74LCX00FT(EL) (TOSHIBA)
TC74VHC00FT(EL) (TOSHIBA)
TC74VHCT00AFT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT NAND GATES
—TOP VIEW—



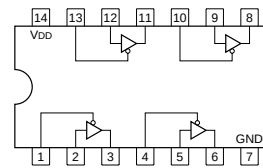
$$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

74LCX125MTCX (NS)

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT
—TOP VIEW—

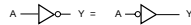
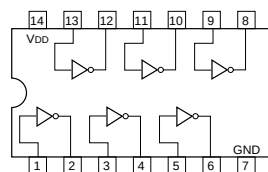


G	A	Y
0	0	0
0	1	1
1	x	HI-Z

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE
HI-Z : HIGH IMPEDANCE

74LCX04MTCX (NS)
74VHC04MTCX (NS)
TC74VHC04FT(EL) (TOSHIBA)
TC74VHCT04AF(EL) (TOSHIBA)
TC74VHCT04AFT(EL) (TOSHIBA)

C-MOS HEX INVERTERS
—TOP VIEW—



$$Y = \overline{A}$$

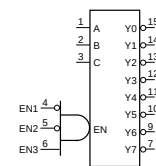
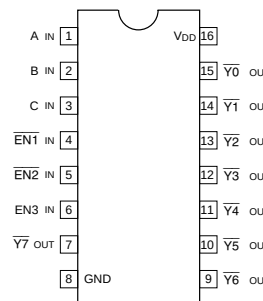
A	Y
0	1
1	0

0 : LOW LEVEL
1 : HIGH LEVEL

74LCX138MTCX (NS)

TC74VHC138FT(EL) (TOSHIBA)

C-MOS 3-TO-8 LINE DECODER/DEMULPLEXER
—TOP VIEW—



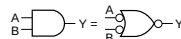
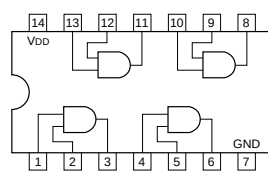
INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	x	x	x	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

$$EN = \overline{EN1} \cdot \overline{EN2} \cdot EN3$$

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

74LCX08MTCX (NS)
SN74LV08APWR (TI)
TC74VHC08FT(EL) (TOSHIBA)
TC74VHCT08AFT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT AND GATES
—TOP VIEW—



$$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$$

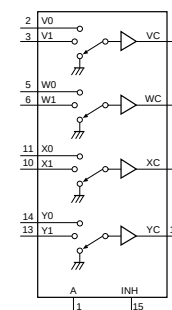
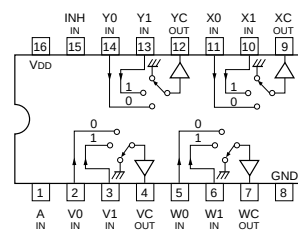
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

74LCX157MTCX (NS)

TC74VHC157FT(EL) (TOSHIBA)

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
—TOP VIEW—



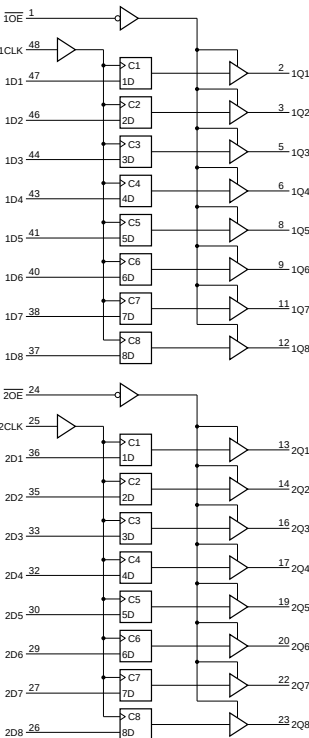
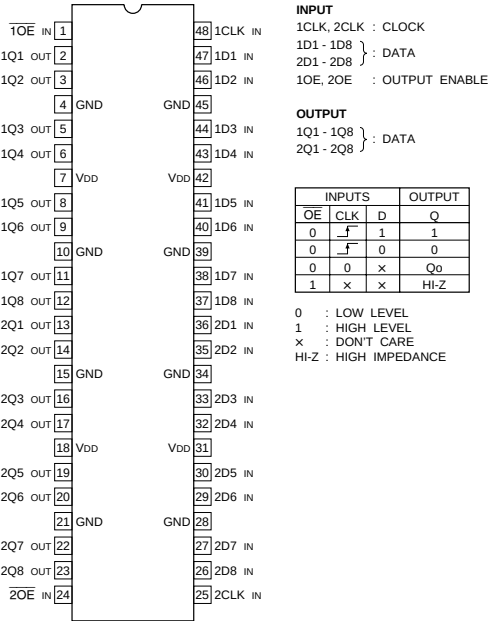
CONT. IN	ON CHANNEL
INH	A
0	0
0	1
1	x

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

74LCX16374MTDX (NS)

C-MOS 3-STATE 16-BIT D-TYPE FLIP-FLOP

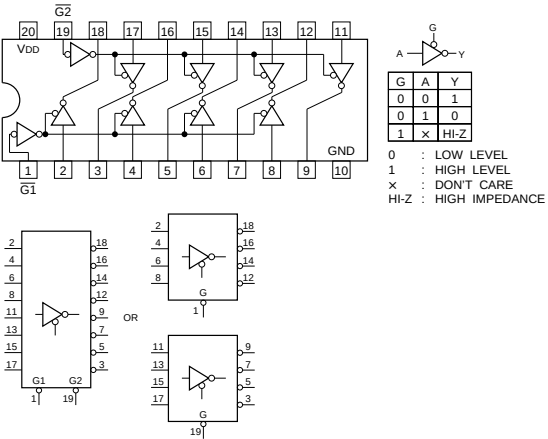
—TOP VIEW—



74LCX240MTCX (NS)

C-MOS 3-STATE INVERTER/LINE DRIVER

—TOP VIEW—



74LCX244MTCX (NS)

TC74VHC244F (TOSHIBA)

TC74VHC244F(EL)

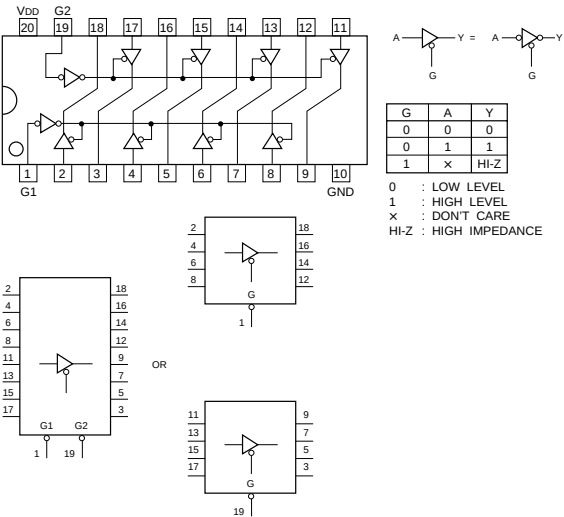
TC74VHC244FT(EL) (TOSHIBA)

TC74VHCT244AF(EL) (TOSHIBA)

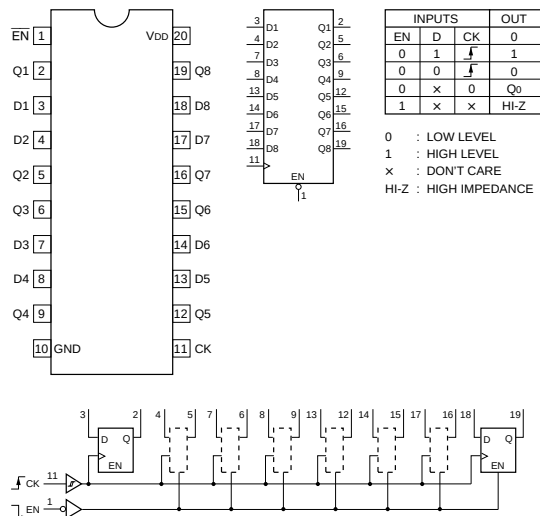
TC74VHCT244AFT(EL) (TOSHIBA)

BUS BUFFER WITH 3-STATE OUTPUTS

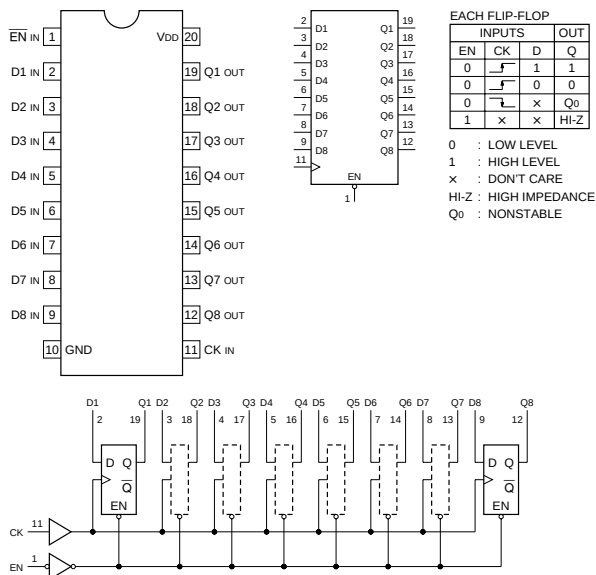
—TOP VIEW—



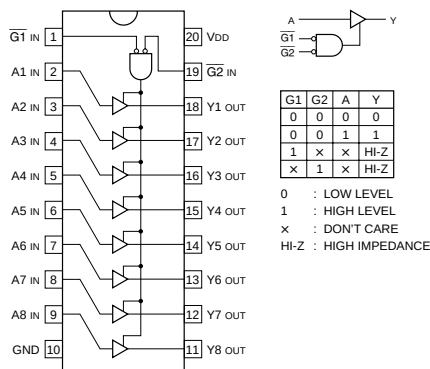
74LCX374MTCX (NS)

C-MOS 3-STATE OCTAL D-TYPE FLIP-FLOP
—TOP VIEW—

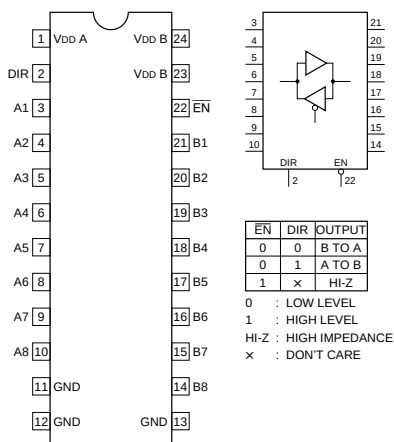
74LCX574MTCX (NS)

74VHCT574MTCX (NS)
TC74VHC574FT(EL) (TOSHIBA)C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
—TOP VIEW—

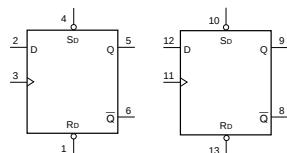
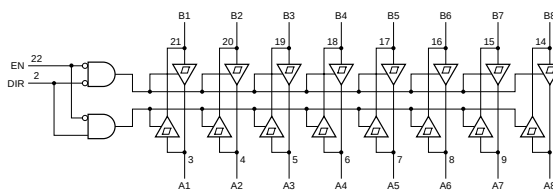
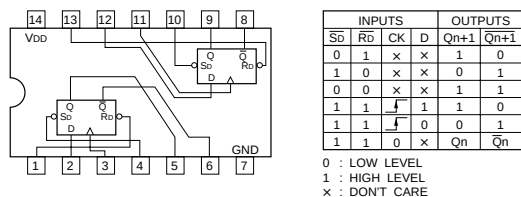
74LCX541MTCX (NS)

TC74VHC541FT(EL) (TOSHIBA)
TC74VHCT541AFT(EL) (TOSHIBA)OCTAL BUS BUFFER WITH 3-STATE OUTPUTS
—TOP VIEW—

74LVX4245QSCX (NS)

C-MOS 8-BIT DUAL SUPPLY VOLTAGE TRANSLATING TRANSCEIVER
—TOP VIEW—

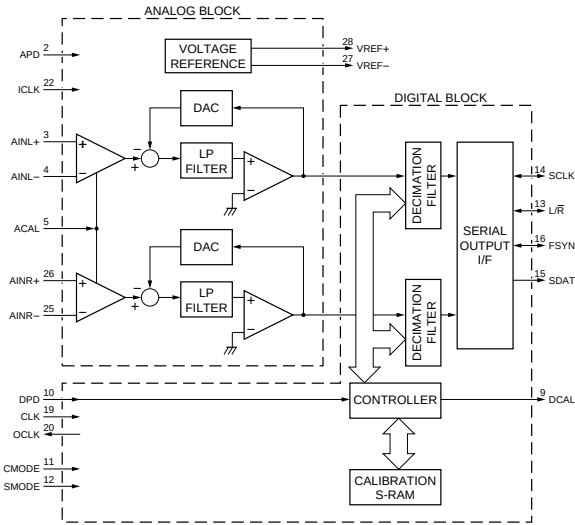
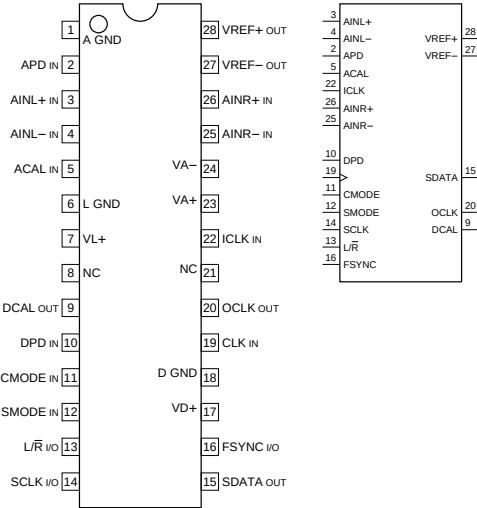
74LCX74MTCX (NS)

SN74HC74APW-E05 (TI)
TC74VHC74FT(EL) (TOSHIBA)
TC74VHCT74AFT(EL) (TOSHIBA)C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
—TOP VIEW—

AK5390-VS (ASAHI)

18-BIT STEREO A-D CONVERTER

—TOP VIEW—



INPUT

ACAL : ANALOG CALIBRATION
(H : AGND)
(L : ANALOG SIGNAL INPUT = AINL, AINR)
AINL + : CAHNNEL L ANALOG POSITIVE INPUT
AINL - : CAHNNEL L ANALOG NEGATIVE INPUT
AINR + : CAHNNEL R ANALOG POSITIVE INPUT
AINR - : CAHNNEL R ANALOG NEGATIVE INPUT
APD : POWER DOWN FOR ANALOG SECTION
CLK : MASTER CLOCK
(CMODE = H : 384fs)
(CMODE = L : 256fs)
CMODE : MASTER CLOCK SELECT
(L : CLK = 256fs, 12.288 MHz @fs = 48 KHz)
(H : CLK = 384fs, 18.432 MHz @fs = 48 KHz)
DPD : POWER DOWN FOR DIGITAL SECTION
ICLK : 128fs CLOCK
SMODE : INTERFACE CLOCK SELECT
(L : SUB MODE)
(H : MASTER MODE)

OUTPUT

DCAL : DIGITAL CALIBRATION
OCLK : 128fs CLOCK
SDATA : SERIAL DATA
VREF + : REFERENCE POSITIVE VOLTAGE (+3.68 V)
VREF - : REFERENCE NEGATIVE VOLTAGE (-3.68 V)

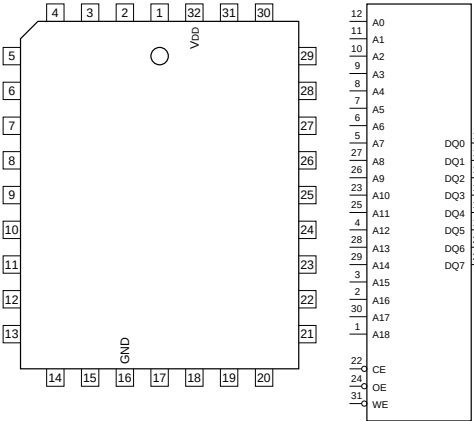
INPUT/OUTPUT

FSYNC : FRAME SYNC CLOCK
L/R : INPUT CAHNNEL SELECT
(SUB MODE : fs CLK INPUT)
(MASTER MODE : fs CLK OUTPUT)
SCLK : SERIAL DATA CLOCK
(SUB MODE : 64fs CLK INPUT)
(MASTER MODE : 64fs CLK OUTPUT)

AM29F040B-90JC (AMD)

C-MOS 4 M (524,288 × 8)-BIT FLASH MEMORY

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	A18	17	I/O	DQ3
2	I	A16	18	I/O	DQ4
3	I	A15	19	I/O	DQ5
4	I	A12	20	I/O	DQ6
5	I	A7	21	I/O	DQ7
6	I	A6	22	I	CE
7	I	A5	23	I	A10
8	I	A4	24	I	OE
9	I	A3	25	I	A11
10	I	A2	26	I	A9
11	I	A1	27	I	A8
12	I	A0	28	I	A13
13	I/O	DQ0	29	I	A14
14	I/O	DQ1	30	I	A17
15	I/O	DQ2	31	I	WE
16	—	GND	32	—	VDD

INPUT

A0 - A18 : ADDRESS INPUTS
CE : CHIP ENABLE
OE : OUTPUT ENABLE
WE : WRITE ENABLE

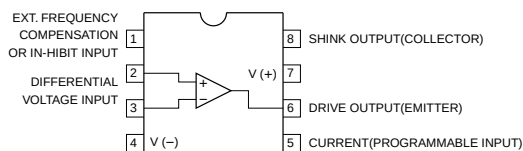
INPUT/OUTPUT

DQ0 - DQ7 : DATA INPUT/OUTPUT

CA3094M (HARRIS)

PROGRAMMABLE POWER SWITCH/AMPLIFIER

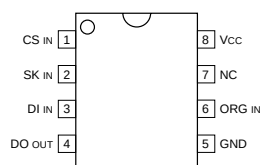
—TOP VIEW—



CAT93C46KI-2.5 (CATALYST)

1,024-BIT SERIAL EEPROM

—TOP VIEW—

**INPUTS**

CS : CHIP SELECT
DI : SERIAL DATA
ORG : SELECT OF BIT CONSTITUTION
SK : SERIAL DATA CLOCK

OUTPUT

DO : SERIAL DATA

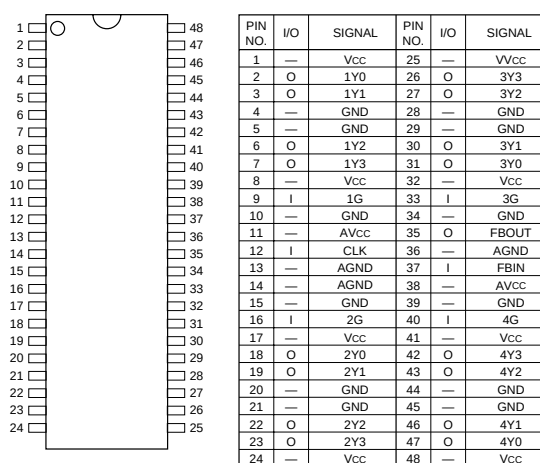
OTHER

NC : NO CONNECTION

CDC516DGGR (TI)

PHASE LOCK LOOP CLOCK DRIVER

—TOP VIEW—



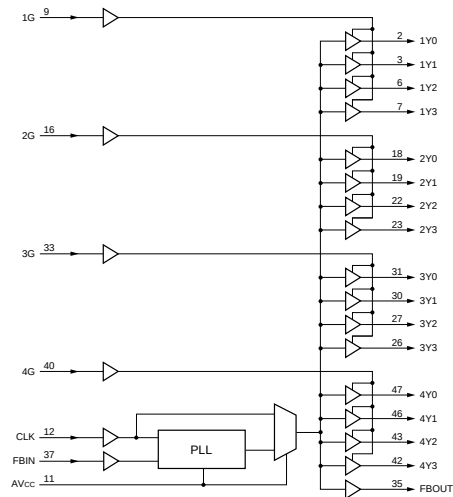
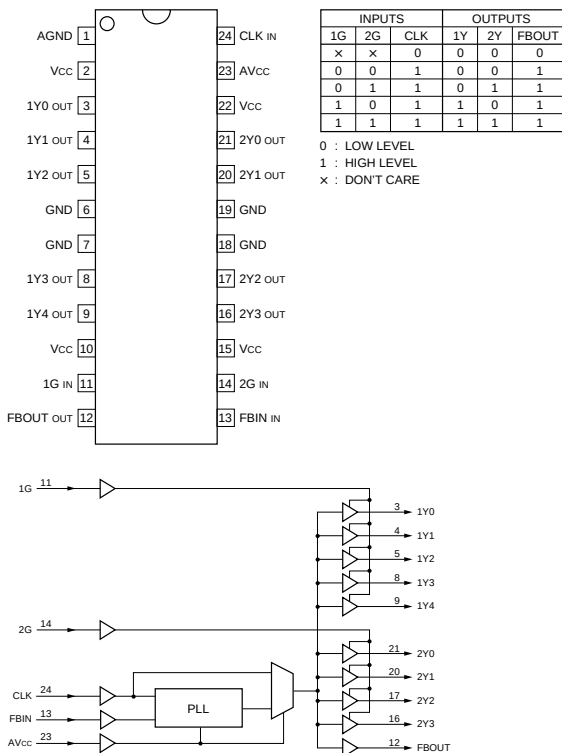
INPUTS					OUTPUTS				
1G	2G	3G	4G	CLK	1Y	2Y	3Y	4Y	FBOUT
x	x	x	x	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	0	1	1	0	0	0	1	1
0	0	1	0	1	0	0	1	0	1
0	0	1	1	1	0	0	1	1	1
0	1	0	0	1	0	1	0	0	1
0	1	0	1	1	0	1	0	1	1
0	1	1	0	1	0	1	1	0	1
0	1	1	1	1	0	1	1	1	1
1	0	0	0	1	1	0	0	0	1
1	0	0	1	1	1	0	0	1	1
1	0	1	0	1	1	0	1	0	1
1	0	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	0	1
1	1	0	1	1	1	1	0	1	1
1	1	1	0	1	1	1	1	0	1
1	1	1	1	1	1	1	1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

CDC509PWR (TI)

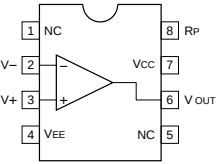
PHASE LOCK LOOP CLOCK DRIVER

—TOP VIEW—



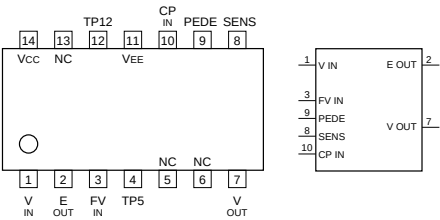
CLC505AJE (COMLINEAR)
CLC505AJE-T

OPERATIONAL AMPLIFIER
—TOP VIEW—

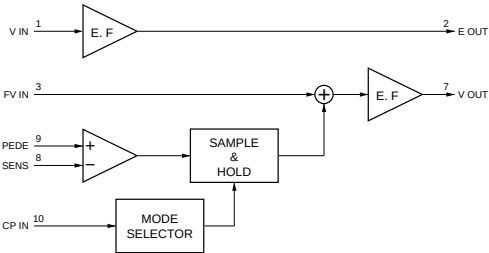


CXA1432M (SONY)
CXA1432M-T4

VIDEO SIGNAL CLAMPER
—TOP VIEW—

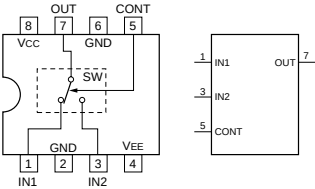


- CP IN : CLAMP PULSE INPUT
- E OUT : BUFFER AMP OUTPUT
- FV IN : FLOATING VIDEO SIGNAL INPUT
- PEDE : CLAMP LEVEL DC INPUT
- SENS : CLAMP POINT SIGNAL INPUT
- TP5, TP12 : FOR TEST
- V IN : VIDEO SIGNAL INPUT
- V OUT : VIDEO SIGNAL OUTPUT



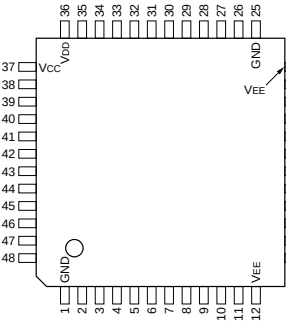
CXA1450M-TH (SONY)

VIDEO SIGNAL SWITCH
—TOP VIEW—



CXA3093Q (SONY)
EQUALIZER AND PHASE-LOCKED-LOOP

—TOP VIEW—



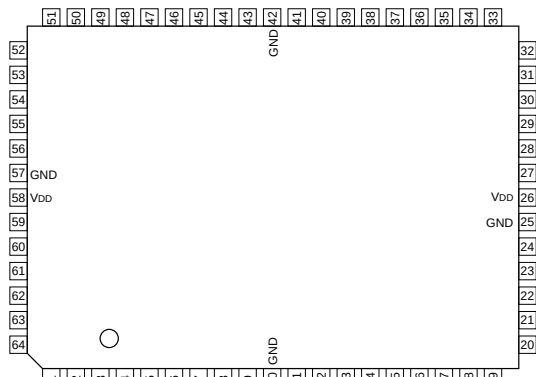
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	13	O	EQOY	25	—	GND	37	—	Vcc
2	I	PBIX	14	O	EQOX	26	O	DTOX	38	I	PRIN
3	I	PBIY	15	O	CPOY	27	O	DTOY	39	I	PROF
4	O	REX	16	O	CPOX	28	O	TDOY	40	I/O	RREF
5	O	REY	17	I	PLLY	29	O	TDOX	41	I	AMPA
6	O	PBOY	18	I	PLLX	30	I	TDIX	42	I	BALA
7	O	PBOX	19	I	FSEL	31	I	TDIY	43	I	AMPB
8	I	OFS	20	I	FIL	32	I	VTH	44	I	BALB
9	I	EQI0	21	I	SPD	33	O	PROY	45	I	PBSW
10	I	EQI1	22	O	CKOX	34	O	PROX	46	I	EQEN
11	I	EQI2	23	O	CKOY	35	I	CTRL	47	I	AGCI
12	—	VEE	24	—	VEE	36	—	VDD	48	O	ENVO

- INPUT**
- AGCI : AGC REFERENCE
 - AMPA, AMPB : EQUALIZER AMPLITUDE PARAMETER
 - BALA, BALB : EQUALIZER PHASE PARAMETER
 - CTRL : PR-IV EQUALIZER NULL FREQUENCY CONTROL
 - EQEN : EQUALIZER ENABLE
 - EQI0 - EQI2 : EQUALIZER
 - FIL : PLL LOOP FILTER
 - FSEL : PLL FREQUENCY SELECT
 - OFS : OFFSET
 - PBIX, PBIY : PRE-AMPLIFIER DIFFERENTIAL INPUT
 - PBSW : EQUALIZER PARAMETER CHANNEL SELECT
 - PLLX, PLLY : PLL DIFFERENTIAL INPUT
 - PRIN : PR-IV EQUALIZER
 - PROF : PR-IV EQUALIZER OFFSET
 - SPD : PLL FREE RUNNING FREQUENCY CONTROL
 TDIX, TDIY : 3-LEVEL DETECTOR DIFFERENTIAL INPUT | VTH : 3-LEVEL DETECTOR THRESHOLD VOLTAGE |
- OUTPUT**
- CKOX, CKOY : CLOCK
 - CPOX, CPOY : ZERO CROSS COMPARATOR DIFFERENTIAL OUTPUT
 - DTOX, DTOY : DATA
 - ENVO : ENVELOPE DETECTOR
 - EQOX, EQOY : EQUALIZER DIFFERENTIAL OUTPUT
 - PBOX, PBOY : PRE-AMPLIFIER DIFFERENTIAL OUTPUT
 - PROX, PROY : PR-IV EQUALIZER DIFFERENTIAL OUTPUT
 - REX, REY : PRE-AMPLIFIER GAIN CONTROL
 - TDOX, TDOY : 3-LEVEL DETECTOR
- INPUT/OUTPUT**
- PREF : PR-IV EQUALIZER REFERENCE RESISTOR OUTPUT/RESET INPUT

CXD1095BQ (SONY)

C-MOS I/O PORT EXPANDER

—TOP VIEW—

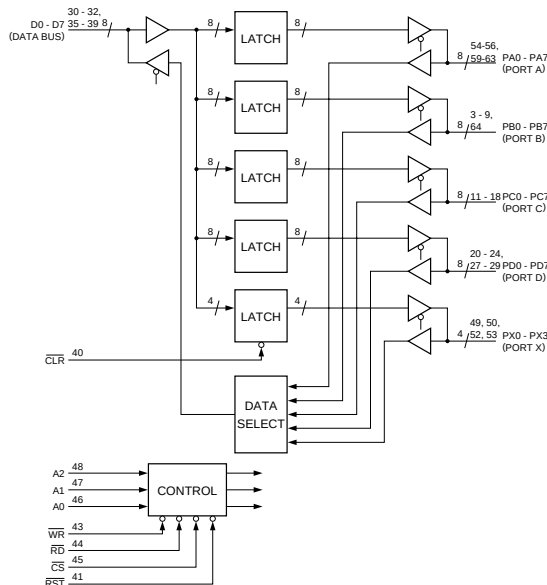


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	NC	17	I/O	PC6	33	—	NC	49	I/O	PX0
2	—	NC	18	I/O	PC7	34	—	NC	50	I/O	PX1
3	I/O	PB1	19	—	NC	35	I/O	D3	51	—	NC
4	I/O	PB2	20	I/O	PD0	36	I/O	D4	52	I/O	PX2
5	I/O	PB3	21	I/O	PD1	37	I/O	D5	53	I/O	PX3
6	I/O	PB4	22	I/O	PD2	38	I/O	D6	54	I/O	PA0
7	I/O	PB5	23	I/O	PD3	39	I/O	D7	55	I/O	PA1
8	I/O	PB6	24	I/O	PD4	40	I	CLR	56	I/O	PA2
9	I/O	PB7	25	—	GND	41	I	RST	57	—	GND
10	—	GND	26	—	V _{DD}	42	—	GND	58	—	V _{DD}
11	I/O	PC0	27	I/O	PD5	43	I	WR	59	I/O	PA3
12	I/O	PC1	28	I/O	PD6	44	I	RD	60	I/O	PA4
13	I/O	PC2	29	I/O	PD7	45	I	CS	61	I/O	PA5
14	I/O	PC3	30	I/O	D0	46	I	A0	62	I/O	PA6
15	I/O	PC4	31	I/O	D1	47	I	A1	63	I/O	PA7
16	I/O	PC5	32	I/O	D2	48	I	A2	64	I/O	PB0

CS	RD	WR	A2	A1	A0	MODE
0	0	1	0	0	0	PORT A → DATA BUS
0	0	1	0	0	1	PORT B → DATA BUS
0	0	1	0	1	0	PORT C → DATA BUS
0	0	1	0	1	1	PORT D → DATA BUS
0	0	1	1	0	0	PORT X → DATA BUS
0	0	1	1	0	1	—
0	0	1	1	1	0	—
0	0	1	1	1	1	—
0	1	0	0	0	0	DATA BUS → PORT A
0	1	0	0	0	1	DATA BUS → PORT B
0	1	0	0	1	0	DATA BUS → PORT C
0	1	0	0	1	1	DATA BUS → PORT D
0	1	0	1	0	0	DATA BUS → PORT X
0	1	0	1	0	1	—
0	1	0	1	1	0	DATA BUS → CTL REG. 1
0	1	0	1	1	1	DATA BUS → CTL REG. 2
1	X	X	X	X	X	DATA BUS; HI-Z

0 ; LOW LEVEL
 1 ; HIGH LEVEL
 X ; DON'T CARE
 HI-Z ; HIGH IMPEDANCE

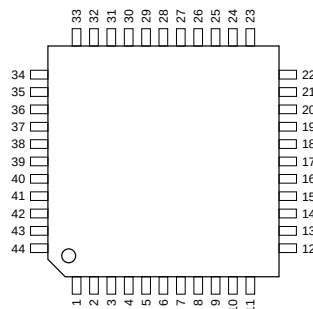
D0 - D7 ; DATA BUS INPUTS/OUTPUTS
 CS ; CHIP SELECT INPUT
 RD ; READ STROBE INPUT
 WR ; WRITE STROBE INPUT
 A0 - A2 ; ADDRESS INPUT
 RST ; RESET INPUT
 CLR ; CLEAR INPUT
 PA0 - PA7 ; PORT A INPUTS/OUTPUTS
 PB0 - PB7 ; PORT B INPUTS/OUTPUTS
 PC0 - PC7 ; PORT C INPUTS/OUTPUTS
 PD0 - PD7 ; PORT D INPUTS/OUTPUTS
 PX0 - PX3 ; PORT X INPUTS/OUTPUTS



CXD8753Q (SONY)

MODULATION AND DEMODULATION OF MANCHESTER CODING

—TOP VIEW—

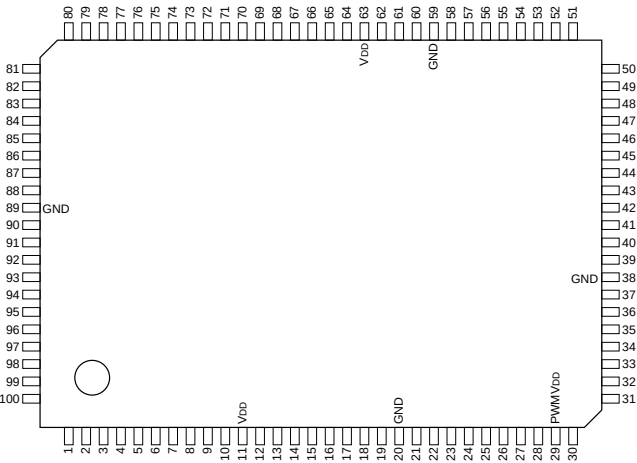


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	MM	12	I	TPTDI3	23	O	CAR L	34	O	TPTDO6
2	I	TPTRE	13	I	TPTDI4	24	O	GND	35	O	TPTDO7
3	I	TPTWE	14	I/O	EXTAL	25	I	TPTDI7	36	O	BSOUT S
4	I	ANTSEL	15	I	XTAL	26	O	GND	37	O	ANT S SW
5	I	RSTZ	16	—	V _{CC}	27	O	CAR L Z	38	—	V _{CC}
6	—	V _{CC}	17	—	GND	28	—	V _{CC}	39	—	GND
7	O	SINT	18	I	TPTDI5	29	O	CAR S Z	40	I	TOTAGZ
8	I	TPTDA4	19	I	BSIN	30	O	GND	41	I	REQ
9	I	TPTDI0	20	O	ANT L SW	31	O	CAR S	42	I	SCK
10	I	TPTDI1	21	O	BSOUT L	32	O	GND	43	O	TXD
11	I	TPTDI2	22	I	TPTDI6	33	O	TPTDO5	44	I	RXD

CXD2202Q (SONY)

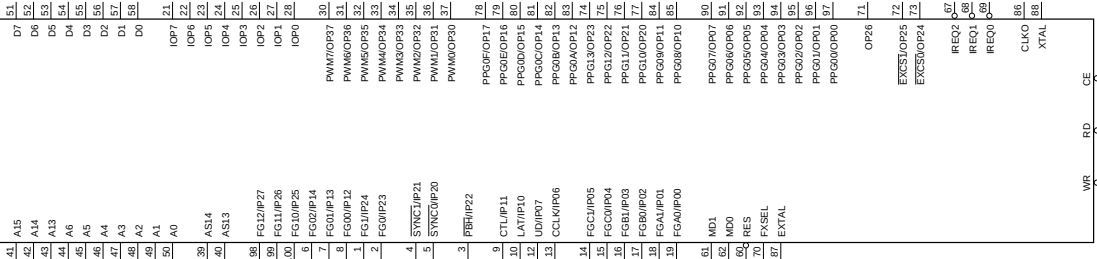
SERVO IC

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	FG1/IP24	26	I/O	IOP2	51	I/O	D7	76	O	PPG11/OP21
2	I	FG0/IP23	27	I/O	IOP1	52	I/O	D6	77	O	PPG10/OP20
3	I	PBH/IP22	28	I/O	IOP0	53	I/O	D5	78	O	PPG0F/OP17
4	I	SYNC1/IP21	29	—	PWM VDD	54	I/O	D4	79	O	PPG0E/OP16
5	I	SYNC0/IP20	30	O	PWM7/OP37	55	I/O	D3	80	O	PPG0D/OP15
6	I	FG02/IP14	31	O	PWM6/OP36	56	I/O	D2	81	O	PPG0C/OP14
7	I	FG01/IP13	32	O	PWM5/OP35	57	I/O	D1	82	O	PPG0B/OP13
8	I	FG00/IP12	33	O	PWM4/OP34	58	I/O	D0	83	O	PPG0A/OP12
9	I	CTL/IP11	34	O	PWM3/OP33	59	—	GND	84	O	PPG09/OP11
10	I	LAT/IP10	35	O	PWM2/OP32	60	I	RES	85	O	PPG08/OP10
11	—	VDD	36	O	PWM1/OP31	61	I	MD1	86	O	CLKO
12	I	UD/IP07	37	O	PWM0/OP30	62	I	MD0	87	I	EXTAL
13	I	CCLK/IP06	38	—	GND	63	—	VDD	88	O	XTAL
14	I	FGC1/IP05	39	I	AS14	64	I	WR	89	—	GND
15	I	FGC0/IP04	40	I	AS13	65	I	RD	90	O	PPG07/OP07
16	I	FGB1/IP03	41	I	A15	66	I	CE	91	O	PPG06/OP06
17	I	FGB0/IP02	42	I	A14	67	O	IREQ2	92	O	PPG05/OP05
18	I	FGA1/IP01	43	I	A13	68	O	IREQ1	93	O	PPG04/OP04
19	I	FGA0/IP00	44	I	A6	69	O	IREQ0	94	O	PPG03/OP03
20	—	GND	45	I	A5	70	I	FXSEL	95	O	PPG02/OP02
21	I/O	IOP7	46	I	A4	71	O	OP26	96	O	PPG01/OP01
22	I/O	IOP6	47	I	A3	72	O	EXCS1/OP25	97	O	PPG00/OP00
23	I/O	IOP5	48	I	A2	73	O	EXCS0/OP24	98	I	FG12/IP27
24	I/O	IOP4	49	I	A1	74	O	PPG13/OP23	99	I	FG11/IP26
25	I/O	IOP3	50	I	A0	75	O	PPG12/OP22	100	I	FG10/IP25

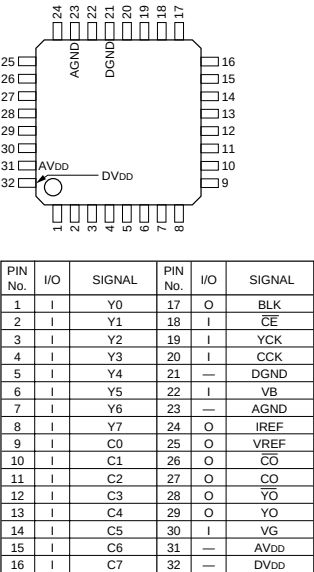
INPUT		
A0 - A15	; ADDRESS BUS	
AS13, AS14	; SELECTING CONDITION OF ADDRESS DECODER AS13 AND AS14 BITS	
CCLK	; 8-BIT COUNTER CLOCK INPUT	
CE	; CHIP ENABLE	
CTL	; RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.	
	WITH FREQUENCY DIVISION MASK TIMER	
EXTAL	; CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT	
FG0	; RESOLUTION 2.5MHz	
FG00 - FG02	; FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz.	
	WITH FREQUENCY DIVISION MASK TIMER	
FG1	; RESOLUTION 2.5MHz BOTH EDGES	
FG10	; EDGE SELECTION ENABLE RESOLUTION 10MHz	
FG11, FG12	; FREQUENCY DIVISION ENABLE RESOLUTION 10MHz	
FGA0	; PERFORMS FORWARD/REVERSE ROTATION DETECTION	
	AND 4FG COUNT (UP/DOWN) BY FGA0 AND FGA1. 10BITS. UP/DOWN IS MADE BY	
	CONTROLLING THE UP/DOWN OF 8-BIT COUNTER.	
FGA1	; 4FG PERFORMS FREQUENCY DIVISION AND FRC CAPTURE	
	THROUGH MASK TIMER.	
	*1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS	
	BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH	
	THE MASK TIMER.	
FGB0	; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT	
	BY FGB0 AND FGB1.	
FGB1	; *1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS	
	BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH	
	THE MASK TIMER.	
FGC0	; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT	
	BY FGC0 AND FGC1.	
FGC1	; *1: SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS	
	BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH	
	THE MASK TIMER.	
FXSEL	; FREQUENCY DIVISION SELECTION CLOCK INPUT	
LAT	; EXTERNAL LATCH TIMING OF UP/DOWN COUNTER	
MD0, 1	; TEST MODE DESIGNATION	
PBH	; INPUT OF COMPOSITE SYNC OR H SYNC.	
	RESOLUTION 10MHz. WITH HALF H KILLER.	
RD	; REDE	
RES	; RESET	
SYNC0, 1	; INPUT OF COMPOSITE SYNC OR V SYNC. RESOLUTION 2.5MHz	
UD	; 8-BIT COUNTER UP/ DOWN INPUT	
WR	; WRITE	
OUTPUT		
CLKO	; CLOCK OUTPUT	
EXCS0, 1	; DECODE AT ADDRESS A3 LEVEL	
IREQ0	; INTERRUPTION SIGNAL OF FRC CAPTURE UNIT	
IREQ1	; COINCIDENCE INTERRUPTION OF PPG0	
IREQ2	; COINCIDENCE INTERRUPTION OF PPG1	
OP26	; EXCLUSIVELY OUTPUT PORT	
PPG00 - PPG0F		
PPG10 - PPG13	; PROGRAMMABLE PULSE GENERATOR RESOLUTION 1.25MHz	
	PPG00 : WITH HLOCK	
PWM0 - PWM5	; PWM OUTPUT NORMALLY PWM, OR PWM0 AND PWM1, PWM2 AND PWM3,	
	OR PWM4 AND PWM5 OUTPUT SIGNAL CORRESPONDED TO PUSH-PULL.	
PWM6, 7	; PWM OUTPUT	
XTAL	; CRYSTAL OSCILLATION	
INPUT/OUTPUT		
D0 - D7	; DATA BUS	
IOP0 - IOP7	; SELECTS AND USES INPUT AND OUTPUT BY EVERY 1 BIT.	



CXD1177Q (SONY)

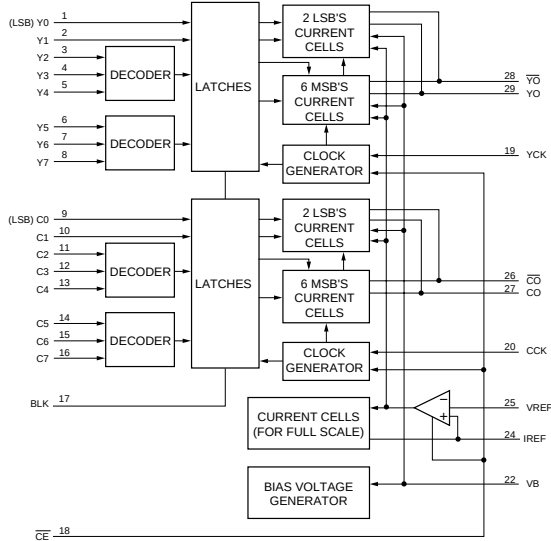
C-MOS Y/C 2 CHANNEL D/A CONVERTER

—TOP VIEW—



INPUT
C0 - C7 : C DATA
CCK : CHROMA CLOCK
CE : CHIP ENABLE
VB : BIAS VOLTAGE
VG : GND VOLTAGE
Y0 - Y7 : Y DATA
YCK : LUMINANCE CLOCK

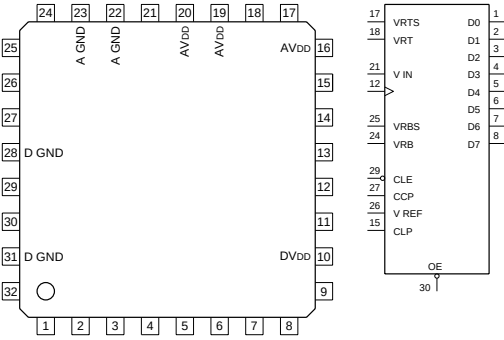
OUTPUT
BLK : BLANKING PULSE
CO, CO : C DATA
IREF : CURRENT REFERENCE
VREF : VOLTAGE REFERENCE
YO, YO : Y DATA



CXD2302Q (SONY)

C-MOS 8-BIT 50MSPS VIDEO A/D CONVERTER

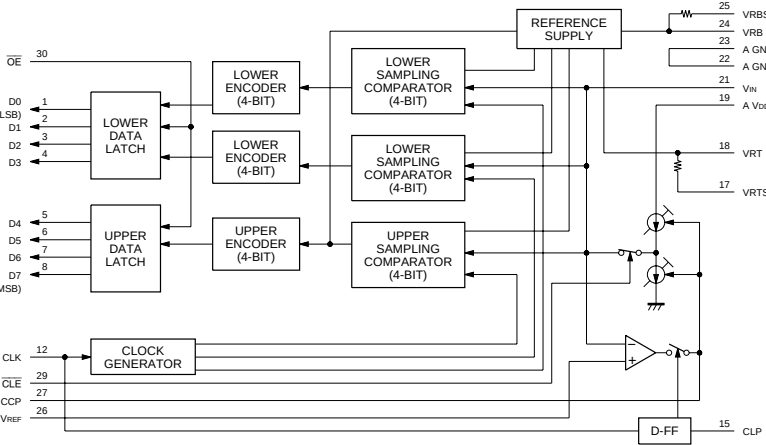
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	D0 (LSB)	17	I	VRTS
2	O	D1	18	I	VRT
3	O	D2	19	—	A VDD
4	O	D3	20	—	A VDD
5	O	D4	21	I	V IN
6	O	D5	22	—	A GND
7	O	D6	23	—	A GND
8	O	D7 (MSB)	24	I	VRB
9	—	TEST	25	I	VRBS
10	—	D VDD	26	I	VREF
11	—	TEST	27	I	CCP
12	I	CLK	28	—	D GND
13	—	NC	29	I	CL
14	—	NC	30	I	OE
15	I	CLP	31	—	D GND
16	—	A VDD	32	—	NC

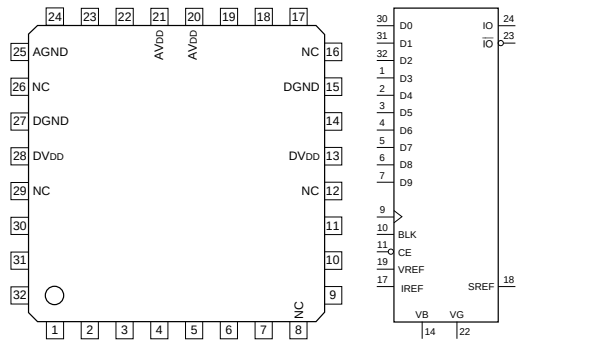
INPUT
CCP : CLAMP CONTROL VOLTAGE
FOR INTEGRATOR
CLE : CLAMP ENABLE
CLK : CLOCK
CLP : CLAMP PULSE
OE : OUTPUT ENABLE
V IN : ANALOG
VRB : REFERENCE VOLTAGE (BOTTOM)
VRBS : SELF REFERENCE VOLTAGE
SHORT TO AGND (+0.6 V/BOTTOM)
VREF : VOLTAGE REFERENCE FOR CLAMP
VRT : REFERENCE VOLTAGE (TOP)
VRTS : SELF REFERENCE VOLTAGE SHORT TO AVDD
(+2.5 V/TOP)

OUTPUT
D0 - D7 : DATA



CXD2306Q-T4 (SONY)
CXD2315Q (SONY)

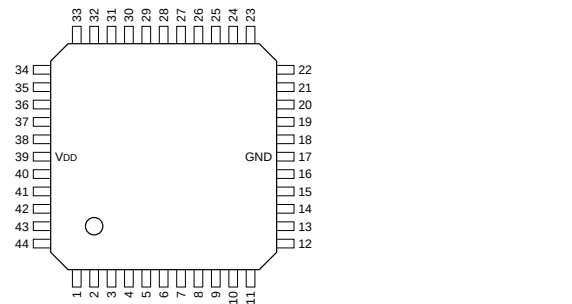
C-MOS 10-BIT 1CH D/A CONVERTER
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	D3	17	I	IREF
2	I	D4	18	O	SREF
3	I	D5	19	I	VREF
4	I	D6	20	—	AVDD
5	I	D7	21	—	AVDD
6	I	D8	22	O	VG
7	I	D9 (MSB)	23	O	IO
8	—	NC	24	O	IO
9	I	CK	25	—	AGND
10	I	BLK	26	—	NC
11	I	CE	27	—	DGND
12	—	NC	28	—	DVDD
13	—	DVDD	29	—	NC
14	O	VB	30	I	D0 (LSB)
15	—	DGND	31	I	D1
16	—	NC	32	I	D2

BLK : BLANKING PULSE INPUT
CE : CHIP ENABLE
CK : CLOCK INPUT
D0 - 7 : DIGITAL DATA INPUTS
IO : CURRENT OUTPUT
IO : INVERT CURRENT OUTPUT
IREF : CURRENT REFERENCE INPUT
SREF : INDEPENDENT CONSTANT VOLTAGE OUTPUT
VB, VG : FOR CAPACITOR
VREF : VOLTAGE REFERENCE INPUT
MAXIMUM CONVERSION RATE
CXD2306Q 75MSPS
CXD2315Q 80MSPS

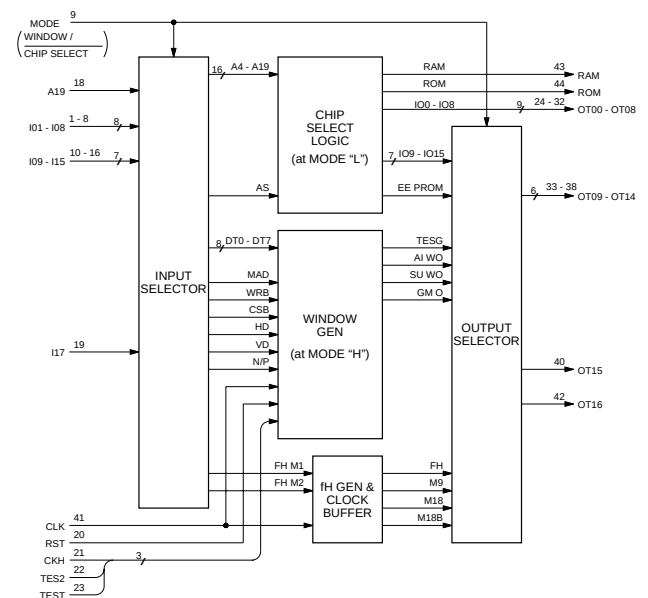
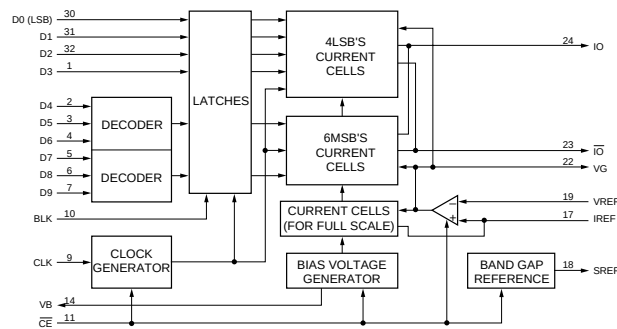
CXD8344AQ (SONY)
C-MOS PULSE GENERATOR
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	IO1	12	I	IO11	23	I	TEST	34	O	OT10
2	I	IO2	13	I	IO12	24	O	OT00	35	O	OT11
3	I	IO3	14	I	IO13	25	O	OT01	36	O	OT12
4	I	IO4	15	I	IO14	26	O	OT02	37	O	OT13
5	I	IO5	16	I	IO15	27	O	OT03	38	O	OT14
6	I	IO6	17	—	GND	28	O	OT04	39	—	VDD
7	I	IO7	18	I	A19	29	O	OT05	40	O	OT15
8	I	IO8	19	I	IO17	30	O	OT06	41	I	CLK
9	I	MODE	20	I	RST	31	O	OT07	42	O	OT16
10	I	IO9	21	I	CKH	32	O	OT08	43	O	RAM
11	I	IO10	22	I	TES2	33	O	OT09	44	O	ROM

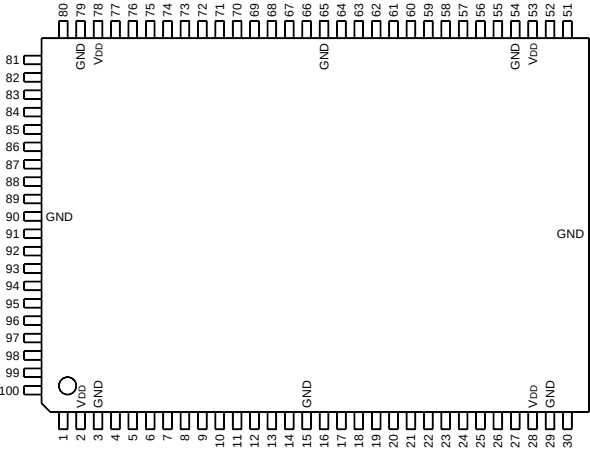
INPUT
A19 : ADDRESS INPUT
CKH : FOR TEST
CLK : CLOCK
IO1 - IO17 : INPUT
MODE : MODE SELECT
(H : WINDOW GEN/L : CHIP SELECT LOGIC)
RST : RESET
TES2 : FOR TEST
TEST : FOR TEST

OUTPUT
OT00 - OT16 : OUTPUT
RAM : RAM OUT
ROM : ROM OUT



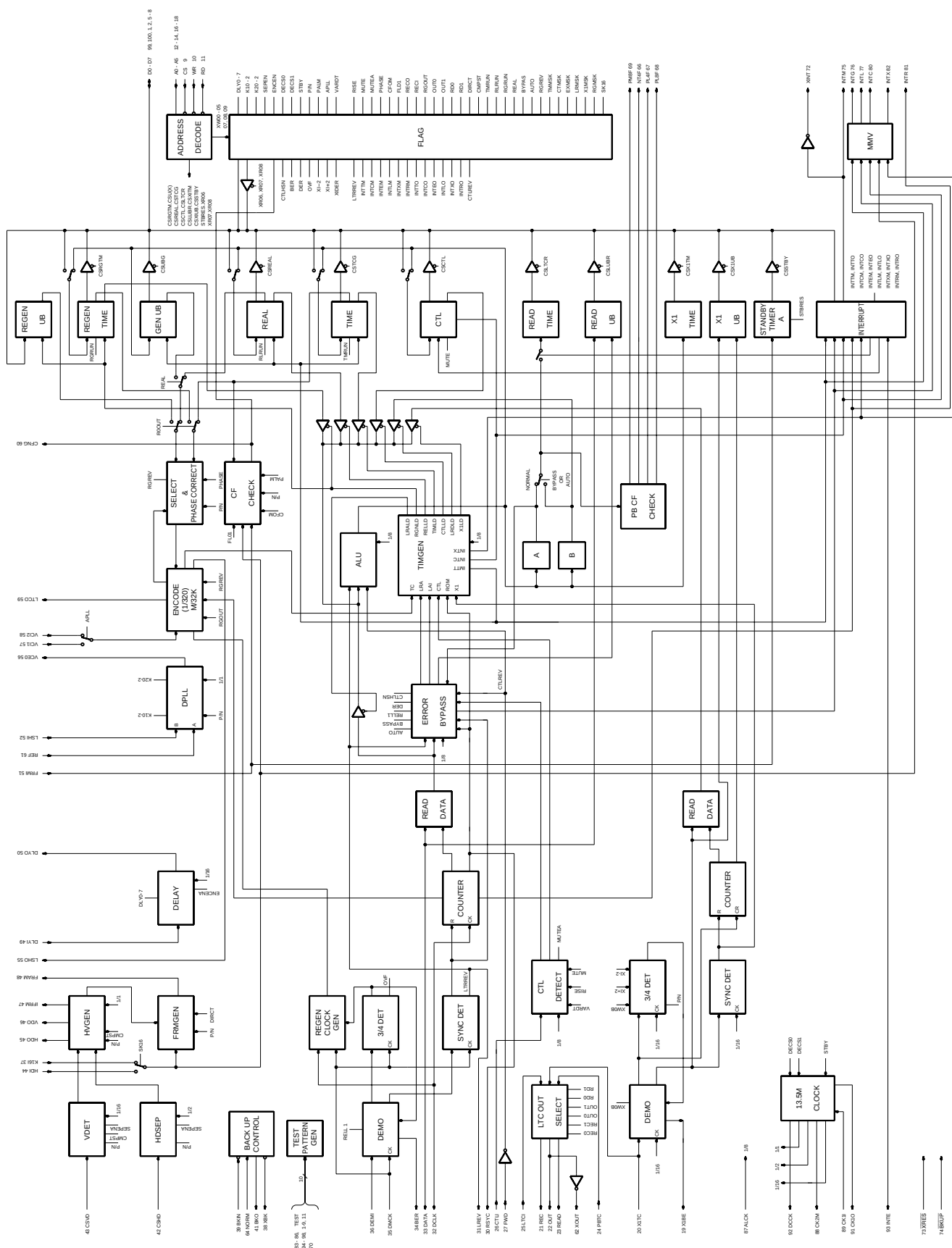
CXD8384Q (SONY)

C-MOS LTC READER/GENERATOR
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	D2	26	I	CTLI	51	I	FRMI	76	O	INTG
2	I/O	D3	27	I	FWD	52	I	LSHI	77	O	INTL
3	—	VDD	28	—	VDD	53	—	VDD	78	—	VDD
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	I/O	D4	30	O	RSYC	55	O	LSHO	80	O	INTC
6	I/O	D5	31	O	LREV	56	O	VCEO	81	O	INTR
7	I/O	D6	32	O	DCLK	57	I	VC11	82	O	INTX
8	I/O	D7	33	O	DATA	58	I	VC12	83	I	TEST1
9	I	CS	34	O	BER	59	O	LTCO	84	I	TEST2
10	I	WR	35	I	DMCK	60	O	CFNG	85	I	TEST3
11	I	RD	36	I	DEMI	61	I	REF	86	I	TEST4
12	I	A0	37	I	K16I	62	O	XOUT	87	I	ALCK
13	I	A1	38	O	XBK	63	O	PORT	88	O	CK2M
14	I	A2	39	I	BKIN	64	I	NORM	89	I	CK1I
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	I	A3	41	O	BKO	66	O	NT4F	91	O	CK1O
17	I	A4	42	I	CSHD	67	O	PL4F	92	O	DCCK
18	I	A5	43	I	CSVD	68	O	PL8F	93	I	INTE
19	O	X1BE	44	I	HDI	69	O	PM8F	94	I	TEST5
20	I	X1TC	45	O	HDO	70	I	TEST11	95	I	TEST6
21	O	REC	46	O	VDO	71	I/O	LRRV	96	I	TEST7
22	O	OUT	47	O	IFRM	72	O	XINT	97	I	TEST8
23	O	READ	48	O	FRAM	73	I	XRES	98	I	TEST9
24	I	PBTC	49	I	DLYI	74	I	BKUP	99	I/O	D0
25	I	LTCI	50	O	DLYO	75	O	INTM	100	I/O	D1

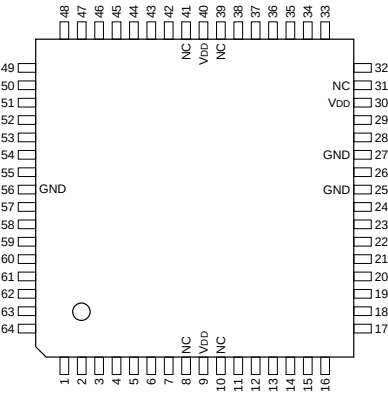
12	A0	NT4F	66	INPUT	
13	A1	PL4F	67	A0 - A5	: ADDRESS BUS IN
14	A2	PL8F	68	ALCK	: ARITHMETIC LOGIC UNIT CLOCK IN
16	A3	PM8F	69	BKIN	: BACKUP IN (NEGATIVE LOGIC)
17	A4		69	BKUP	: BACKUP EXECUTION IN (NEGATIVE LOGIC)
18	A5		99	CK1I	: SYSTEM CLOCK IN
9	CS		100	CSHD	: COMPOSITE SYNC/HD IN
10	WR		1	CSVD	: COMPOSITE SYNC/VD IN
11	RD		2	CTLI	: CTL SIGNAL IN
42	CSHD		5	DEMI	: LONGITUDINAL TIME AND CONTROL CODE IN
43	CSVD		6	DLYI	: INPUT TO DELAY CIRCUIT
			7	DMCK	: LTC DEMODULATE CLOCK IN
			8	FRMI	: FRAME SIGNAL IN
			8	FWD	: CTL DIRECTION SIGNAL IN
71	LRRV	RSYC	30	HDI	: HORIZONTAL SYNC INPUT
27	FWD	LREV	31	INTE	: EXTERNAL INTERRUPT IN (POSITIVE LOGIC)
26	CTLI	DCLK	32	K16I	: 16KHz CLOCK IN
24	PBTC	DATA	33		: BACKUP CLOCK IN
25	LTCI	BER	34	LRRV	: DIRECTION INPUT FOR LTC READER CALCULATION
20	X1TC			LTCI	: GENERATED LTC IN
			19	LSHI	: LTC SYNCHRONOUS H INPUT
72	XINIT	X1BE	21	NORM	: NORMAL/BACKUP MODE SELECT
73	XRES	REC	22	TEST1 - TEST9	: TEST IN
74	BKUP	OUT	23	TEST11	
87	ALCK	READ		PBTC	: PLAYBACK LTC IN
			38	RD	: READ IN (NEGATIVE LOGIC)
37	K16I	XBK	45	REF	: REFERENCE OF LTC GENERATOR
44	HDI	HDO	46	VC11	: LTC CLOCK IN-1
49	DLYI	VDO	47	VC12	: EXTERNAL LTC IN
51	FRMI	IFRM	48	X1TC	: LTC CLOCK IN-2
52	LSHI	FRAM	50	XRES	: SYSTEM RESET IN (NEGATIVE LOGIC)
57	VC11	DLYO	55	WR	: WRITE IN (NEGATIVE LOGIC)
58	VC12	LSHO	56		
61	REF	VCEO	59		
		LTCO	60	OUTPUT	
		CFNG		BER	: BI-PHASE MARK ERROR (BIT ERROR)
35	DMCK			BKO	: BACKUP CONTROL OUT-2 (POSITIVE LOGIC)
36	DEMI	INTG	76	CFNG	: COLOR FRAME ERROR FLAG OUT
39	BKIN	INTL	77	CK1O	: SYSTEM CLOCK OUT
89	CK1I	INTC	80	CK2M	: CLOCK 2M OUT
93	INTE	INTR	81	CS	: CHIP SELECT IN (NEGATIVE LOGIC)
83	TEST1	INTX	82	D0 - D7	: DATA BUS
84	TEST2			DATA	: DEMODULATED SERIAL DATA OUT
85	TEST3		88	DCCK	: LTC DECODE CLOCK OUT
86	TEST4	CK2M	41	DCLK	: DEMODULATED CLOCK OUT
94	TEST5	BKO	91	DLYO	: OUTPUT FROM DELAY CIRCUIT
95	TEST6	CK1O	92	FRAM	: FRAME SIGNAL OUT -2
96	TEST7	DCCK	92	HDO	: HORIZONTAL SYNC DRIVE OUT
97	TEST8	INTM	75	IFRM	: FRAME SIGNAL OUT -1
98	TEST9	XOUT	63	INTC	: CTL INTERRUPT OUT (POSITIVE LOGIC)
64	NORM	PORT	72	INTG	: GENERATOR INTERRUPT OUT (POSITIVE LOGIC)
70	TEST11	XINT	72	INTL	: READER INTERRUPT -1 OUT (POSITIVE LOGIC)
				INTM	: INTERRUPT MIX OUT (POSITIVE LOGIC)
				INTR	: READER INTERRUPT -2 OUT (POSITIVE LOGIC)
				INTX	: EXTERNAL LTC INTERRUPT OUT (POSITIVE LOGIC)
				LREV	: READ REV/FWD BIT OUT
				LSHO	: LTC SYNCHRONOUS SIGNAL H OUT
				LTCO	: LTC SIGNAL OUT
				NT4F, PL4F, PL8F, PM8F	: DEMODULATED COLOR FRAME OUT
				OUT	: EXTERNAL OUTPUT LTC OUT
				PORT	: PORT
				READ	: READ LTC OUT
				REC	: RECORD LTC OUT
				RSYC	: READ SYNC WORD DATA OUT
				VCEO	: LTC CLOCK OUT
				VDO	: VERTICAL SYNC DRIVE OUT
				X1BE	: BI-PHASE MARK ERROR (NORMAL SPEED READER)
				XBK	: BACKUP CONTROL OUT-1 (NEGATIVE LOGIC)
				XINT	: INVERTED INTERRUPT MIX OUT (NEGATIVE LOGIC)
				XOUT	: INVERTED EXTERNAL OUTPUT LTC OUT



CXD8591AQ (SONY)

C-MOS SAMPLING RATE CONVERTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	DO	17	I/O	TB7	33	I/O	TB5	49	I/O	TB2
2	I	SEL	18	I	MDO0	34	I/O	TB4	50	I/O	TB1
3	O	SRDT	19	I	MDO1	35	I	MAO0	51	I	DATAI
4	I	SWDT	20	I	MUTE	36	I	MAO1	52	I	LRCKI
5	I	SCK	21	O	DATAO	37	O	ALRKO	53	I	BCKI
6	I	XLAT	22	I/O	BCKO	38	O	ABCKO	54	I	FIMCK
7	I	INIT	23	I/O	LRCKO	39	—	NC	55	O	FIMO
8	—	NC	24	I	TEST4	40	—	VDD	56	—	GND
9	—	VDD	25	—	GND	41	—	NC	57	I	TEST2
10	—	NC	26	I	XI	42	O	DAOR	58	I	TEST1
11	O	RBPH	27	—	GND	43	O	DAOL	59	I	FIS
12	O	STA	28	O	XO	44	I	TEST3	60	I	MI0
13	I	FRS	29	O	XOO	45	I	DEMP	61	I	MI1
14	I	FRM	30	—	VDD	46	I	FS1	62	I	DIO
15	I	SLAVE	31	—	NC	47	I	FS2	63	I	DI1
16	I	TEST5	32	I/O	TB6	48	I/O	TB3	64	I/O	TB0

INPUT

BCKI : BIT CLOCK FOR THE INPUT SERIAL DATA

DATAI : SERIAL DATA

DEMP : DEEMPHASIS SETTING

DI0, DI1 : DATA

FIMCK : MASTER CLOCK FOR THE INPUT DATA SYSTEM

FIS : FIMCK DIVIDING RATIO SETTING

FRM : Fs RATIO MEASURING MODE SELECT

FRS : Fs RATIO MEASURING TIME SELECT

FS1, FS2 : Fsi FREQUENCY SELECT FOR DEEMPHASIS SETTING

INIT : INITIALIZE

LRCKI : 1 Fs WORD CLOCK FOR THE INPUT SERIAL DATA

MAO0, MAO1 : SERIAL DATA FORMAT SETTING FOR D/A OUTPUT

MDO0, MDO1 : SERIAL DATA FORMAT SETTING FOR THE STANDARD DATA OUTPUT

MI0, MI1 : INPUT SERIAL DATA FORMAT SETTING

MUTE : OUTPUT MUTING

SCK : ATTENUATION/MODE SETTING CLOCK

SEL : DATA SELECT CONTROL

SLAVE : OUTPUT SYNCHRONIZATION MODE SELECT

SWDT : ATTENUATION/MODE SETTING DATA

TEST1 - TEST5 : IC CHIP TEST

XI : CRYSTAL OSCILLATOR

XLAT : ATTENUATION/MODE SETTING DATA LATCH PULSE

OUTPUT

ABCKO : BIT CLOCK FOR D/A OUTPUT

ALRKO : WORD CLOCK FOR D/A OUTPUT

DAOL : 8 Fso/4 Fso DATA FOR L-CHANNEL D/A CONVERSION

DAOR : 8 Fso/4 Fso DATA FOR R-CHANNEL D/A CONVERSION

DATAO : STANDARD SERIAL DATA

DO : DATA

FIMO : INVERTING OUTPUT OF THE MASTER CLOCK

RBPH : RING BUFFER READ/WRITE PHASE CONTROL MONITOR

SRDT : ATTENUATION/MODE SETTING DATA

STA : Fs CONVERTING RATIO MONITOR

XO : CRYSTAL OSCILLATOR

XOO : MASTER CLOCK FOR THE OUTPUT SYSTEM

INPUT/OUTPUT

TB0 - TB7 : TEST BUS

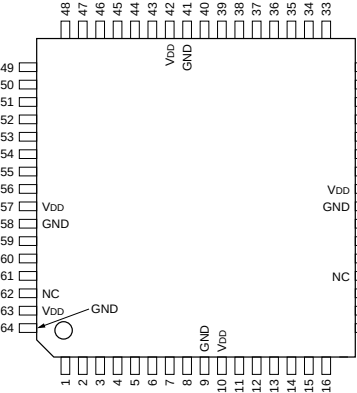
BCKO : BIT CLOCK FOR THE STANDARD SERIAL DATA

LRCKO : WORD CLOCK FOR THE STANDARD SERIAL DATA

CXD8889R (SONY)

C-MOS SERIAL I/O

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	D0	17	—	IC	33	—	IC	49	—	IC
2	I/O	D1	18	—	IC	34	—	IC	50	—	IC
3	I/O	D2	19	—	IC	35	—	IC	51	—	IC
4	I/O	D3	20	—	NC	36	—	IC	52	—	IC
5	I/O	D4	21	O	BCKO	37	I	SEL	53	—	IC
6	I/O	D5	22	O	IVH	38	I	RVD	54	—	IC
7	I/O	D6	23	O	TVD	39	I	RESE	55	—	IC
8	I/O	D7	24	—	GND	40	I	WR	56	—	IC
9	—	GND	25	—	VDD	41	—	GND	57	—	VDD
10	—	VDD	26	—	IC	42	—	VDD	58	—	GND
11	—	IC	27	—	IC	43	I	RD	59	I	BRDI
12	—	IC	28	—	IC	44	I	CS	60	O	BRDO
13	—	IC	29	—	IC	45	I	CLK	61	O	BTVD
14	—	IC	30	—	IC	46	I	A2	62	—	NC
15	—	IC	31	—	IC	47	I	A1	63	—	VDD
16	—	IC	32	—	IC	48	I	A0	64	—	GND

IC : INTERNAL CONNECTION (NO CONNECTION)

INPUT

A0 - A2 : ADDRESS

BRDI : BI-PHASE RECEIVE DATA

CLK : CLOCK

CS : CHIP SELECT

RD : READ ENABLE

RESE : RESET

RVD : SERIAL DATA

SEL : CPU INTERFACE TIMING SELECT

WR : WRITE ENABLE

OUTPUT

BCKO : INTERNAL CLOCK

BRDO : DEMODULATED BI-PHASE RECEIVE DATA

BTVD : MODULATED BI-PHASE TRANSMISSION DATA

IVH : RECEIVE DATA INTERRUPT

TVD : SERIAL DATA

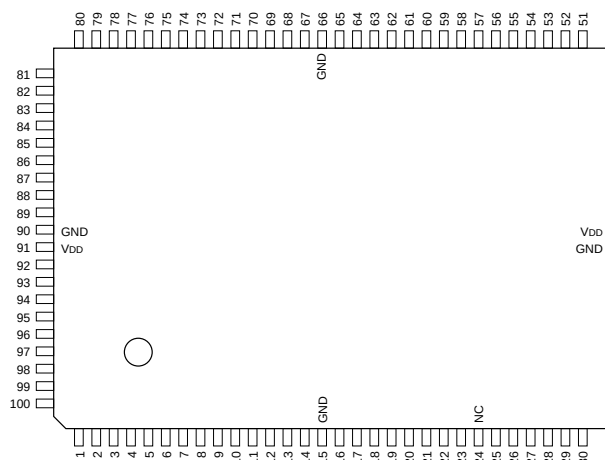
INPUT/OUTPUT

D0 - D7 : PARALLEL DATA

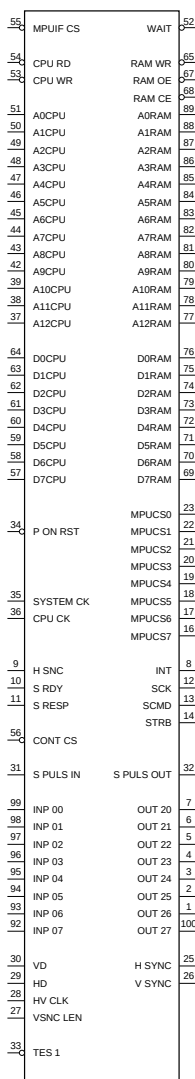
CXD8804Q (SONY)

C-MOS 8-MPU COMMUNICATION CONTROLLER WITH PARALLEL PORT

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OUT26	26	O	V SYNC	51	I	A0 CPU	76	I/O	D0 RAM
2	O	OUT25	27	I	VSNC LEN	52	O	WAIT	77	O	A12 RAM
3	O	OUT24	28	I	HV CLK	53	I	CPU WR	78	O	A11 RAM
4	O	OUT23	29	I	HD	54	I	CPU RD	79	O	A10 RAM
5	O	OUT22	30	I	VD	55	I	MPUIF CS	80	O	A9 RAM
6	O	OUT21	31	I	S PULS IN	56	I	CONT CS	81	O	A8 RAM
7	O	OUT20	32	O	S PULS OUT	57	I/O	D7 CPU	82	O	A7 RAM
8	O	INT	33	I	TES 1	58	I/O	D6 CPU	83	O	A6 RAM
9	I	H SNC	34	I	P ON RST	59	I/O	D5 CPU	84	O	A5 RAM
10	I	S RDY	35	I	SYSTEM CK	60	I/O	D4 CPU	85	O	A4 RAM
11	I	S RESP	36	I	CPU CK	61	I/O	D3 CPU	86	O	A3 RAM
12	O	SCMD	37	I	A12 CPU	62	I/O	D2 CPU	87	O	A2 RAM
13	O	STRB	38	I	A11 CPU	63	I/O	D1 CPU	88	O	A1 RAM
14	O	—	39	I	A10 CPU	64	I/O	D0 CPU	89	O	A0 RAM
15	—	GND	40	—	GND	65	O	RAM WR	90	—	GND
16	O	MPUCS7	41	—	VDD	66	—	GND	91	—	VDD
17	O	MPUCS6	42	I	A9 CPU	67	O	RAM OE	92	I	INP 07
18	O	MPUCS5	43	I	A8 CPU	68	O	RAMCE	93	I	INP 06
19	O	MPUCS4	44	I	A7 CPU	69	I/O	D7 RAM	94	I	INP 05
20	O	MPUCS3	45	I	A6 CPU	70	I/O	D6 RAM	95	I	INP 04
21	O	MPUCS2	46	I	A5 CPU	71	I/O	D5 RAM	96	I	INP 03
22	O	MPUCS1	47	I	A4 CPU	72	I/O	D4 RAM	97	I	INP 02
23	O	MPUCS0	48	I	A3 CPU	73	I/O	D3 RAM	98	I	INP 01
24	—	N.C	49	I	A2 CPU	74	I/O	D2 RAM	99	I	INP 00
25	O	H SYNC	50	I	A1 CPU	75	I/O	D1 RAM	100	O	OUT 27



INPUT

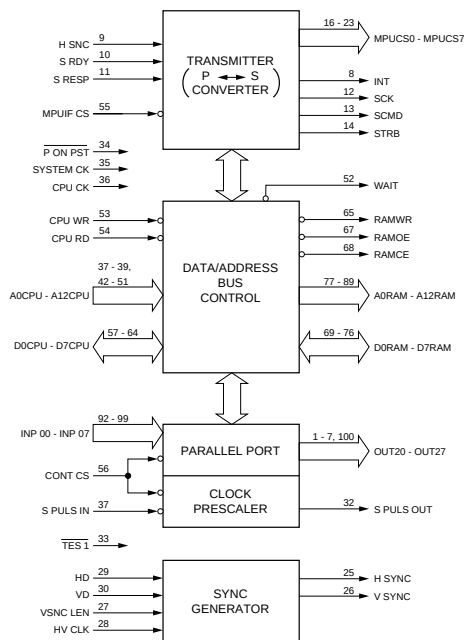
- A0CPU - A12CPU : CPU ADDRESS BUS
- CONT CS : INTERNAL/PARALLEL PORT
- CPU CK : CPU CLOCK
- CPU RD : CPU READ STROBE
- CPU WR : CPU WRITE STROBE
- HD : VIDEO HORIZONTAL SYNCHRONIZING PULSE
- H SNC : SERIAL RECEIVE WAIT
- HV CLK : VIDEO VERTICAL SAMPLING PULSE (13.5 MHz)
- INP 00 - 07 : PARALLEL PORT
- MPUIF CS : EXTERNAL RAM CHIP SELECT
- P ON RST : POWER IN RESET (L)
- S PULS : MEDIOCRITY CLOCK PULSE
- S RDY : SERIAL TRANSMISSION LEADY
- S RESP : SERIAL RECEIVE DATA
- SYSTEM CK : SYSTEM CLOCK
- TES 1 : TEST (L)
- VD : VIDEO VERTICAL SYNCHRONIZING PULSE
- VSNC LEN : VIDEO VERTICAL SYNCHRONIZING PULSE OUTPUT WIDTH CONTROL

OUTPUT

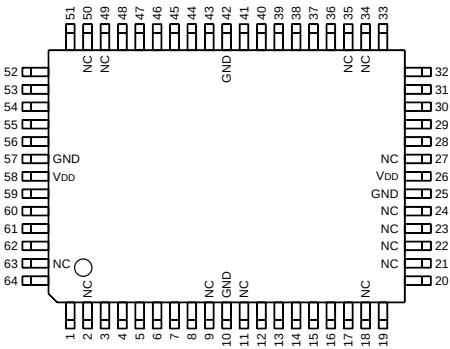
- A0RAM - A12RAM : EXTERNAL RAM ADDRESS BUS
- H SYNC : VIDEO HORIZONTAL SYNCHRONIZING PULSE
- INT : SERIAL RECEIVE END
- MPUCS0 - MPUCS7 : SERIAL CORRESPONDENCE ENABLE
- OUT 20 - 27 : PARALLEL PORT
- RAM CE : EXTERNAL RAM CHIP SELECT
- RAM OE : EXTERNAL RAM OUTPUT ENABLE
- RAM WR : EXTERNAL RAM WRITE STROBE
- SCMD : SERIAL CORRESPONDENCE CLOCK
- SCMD : SERIAL TRANSMISSION DATA
- S PULS : MEDIOCRITY CLOCK PULSE FREQUENCY (1/2-1/27)
- STRB : SERIAL TRANSMISSION STROBE
- V SYNC : VIDEO VERTICAL SYNCHRONIZING PULSE
- WAIT : CPU WAIT

INPUT/OUTPUT

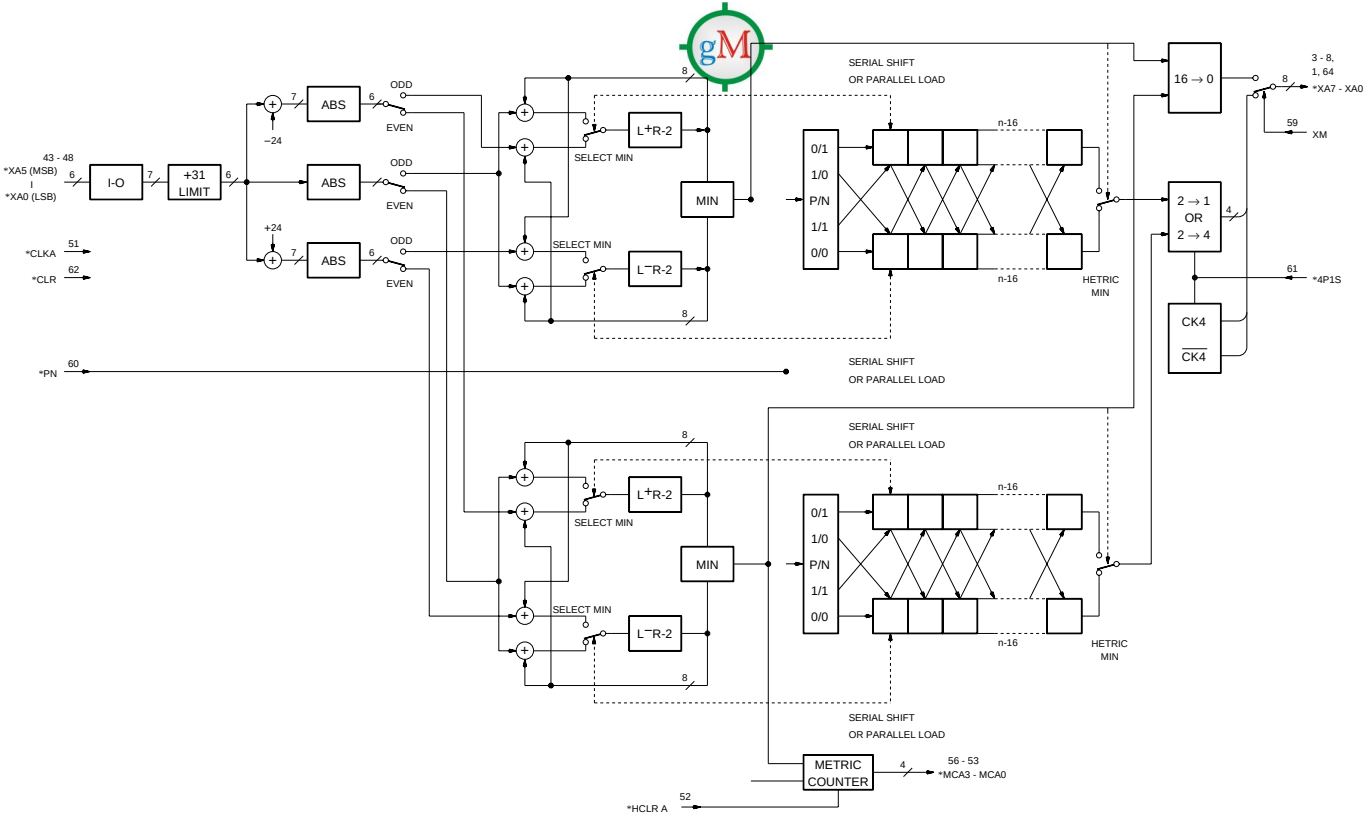
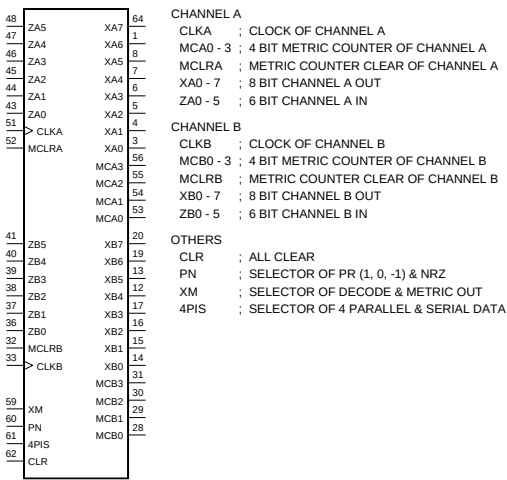
- DOCPU - D7CPU : CPU DATA BUS
- D0RAM - D7RAM : EXTERNAL RAM DATA BUS



CXD8815Q (SONY)
C-MOS VITERBI DECODER
—TOP VIEW—



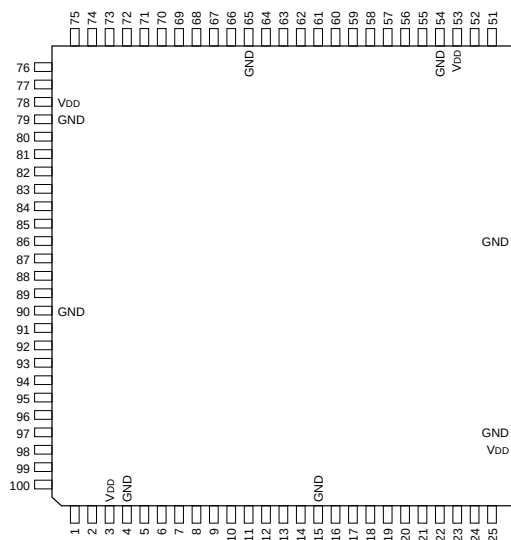
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	OUT	XA6	17	OUT	XB3	33	IN	CLKB	49	—	NC
2	—	NC	18	—	NC	34	—	NC	50	—	NC
3	OUT	XA0	19	OUT	XB6	35	—	NC	51	IN	CLKA
4	OUT	XA1	20	OUT	XB7	36	IN	ZB0	52	IN	MCLRA
5	OUT	XA2	21	—	NC	37	IN	ZB1	53	OUT	MCA0
6	OUT	XA3	22	—	NC	38	IN	ZB2	54	OUT	MCA1
7	OUT	XA4	23	—	NC	39	IN	ZB3	55	OUT	MCA2
8	OUT	XA5	24	—	NC	40	IN	ZB4	56	OUT	MCA3
9	—	NC	25	—	GND	41	IN	ZB5	57	—	GND
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	—	NC	27	—	NC	43	IN	ZA0	59	IN	XM
12	OUT	XB4	28	OUT	MCB0	44	IN	ZA1	60	IN	PN
13	OUT	XB5	29	OUT	MCB1	45	IN	ZA2	61	IN	4P1S
14	OUT	XB0	30	OUT	MCB2	46	IN	ZA3	62	IN	CLR
15	OUT	XB1	31	OUT	MCB3	47	IN	ZA4	63	—	NC
16	OUT	XB2	32	IN	MCLRB	48	IN	ZA5	64	OUT	XA7



CXD8820AR (SONY)

C-MOS VITC READER GENERATOR

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OVD9	26	I	HRTH	51	I/O	DATA0	76	O	RVITC
2	O	OVD8	27	I	RESET	52	I/O	DATA1	77	O	RLTCH
3	—	VDD	28	—	VDD	53	—	VDD	78	—	VDD
4	—	GND	29	—	GND	54	—	GND	79	—	GND
5	O	OVD7	30	I	27CK	55	I/O	DATA2	80	O	GVITC
6	O	OVD6	31	I	ALLTH	56	I/O	DATA3	81	O	VGATE
7	O	OVD5	32	I	ICAD0	57	I/O	DATA4	82	O	BGATE
8	I	TST0	33	I	ICAD1	58	I/O	DATA5	83	O	XCFI
9	I	TST1	34	I	ICAD2	59	I/O	DATA6	84	O	NT4F
10	I	TST2	35	I	ICAD3	60	I/O	DATA7	85	O	PL4F
11	I	TST3	36	I	IPA	61	I	STS0	86	O	PL8F
12	O	OVD4	37	I	ICF	62	I	STS1	87	O	PM8F
13	O	OVD3	38	I	IVD	63	I	STRB	88	O	HMSK
14	O	OVD2	39	I	IHD	64	I	RD	89	O	VMASK
15	—	GND	40	—	GND	65	—	GND	90	—	GND
16	O	OVD1	41	I	IVD0	66	I	CS	91	O	CK135
17	O	OVD0	42	I	IVD1	67	I	LPARA	92	O	IDEN
18	O	OHD	43	I	IVD2	68	I	SCK	93	O	PERR
19	O	OVD	44	I	IVD3	69	I	START	94	O	IFBUSY
20	O	OCF	45	I	IVD4	70	I	SIN	95	O	RCF
21	O	OPA	46	I	IVD5	71	O	SOUT	96	O	RDF
22	I	TST4	47	I	IVD6	72	O	RINT	97	O	RFM
23	I	TST5	48	I	IVD7	73	O	REND	98	O	RERR
24	I	TST6	49	I	IVD8	74	O	OSVI	99	O	G SAV
25	I	TST7	50	I	IVD9	75	I	ISVI	100	O	EXP0

41	IVD0	OVD0	17	INPUT	
42	IVD1	OVD1	18	27CK	: 27 MHz CLOCK
43	IVD2	OVD2	19	ALLTH	: ALL THOUGH MODE
44	IVD3	OVD3	20	CS	: CHIP SELECT
45	IVD4	OVD4	21		(FOR PARALLEL INTERFACE)
46	IVD5	OVD5	22	HRTH	: READER THOUGH MODE
47	IVD6	OVD6	23	ICAD0 - ICAD3	: IC ADDRESS
48	IVD7	OVD7	24	ICF	: COLOR FRAMING
49	IVD8	OVD8	25	IHD	: HD
50	IVD9	OVD9	26	IPA	: PARITY
51	IHD	OHD	27	ISVI	: SLICED VITC
52	IVD	OVD	28	IVD0 - IVD9	: VIDEO DATA
53	ICF	OCF	29	IVD	: VD
54	IPA	OPA	30	LPARA	: PARARELL INTERFACE SELECT
55	ALLTH	PERR	31	RD	: READ (FOR PARALLEL INTERFACE)
56			32	RESET	: POWER ON RESET
57	DATA0	GSAV	33	SCK	: SERIAL INTERFACE CLOCK
58	DATA1		34	SIN	: SERIAL DATA
59	DATA2	VGATE	35	START	: SERIAL INTERFACE START
60	DATA3	BGATE	36	STRB	: STROBE
61	DATA4	GVITC	37		(FOR PARALLEL INTERFACE)
62	DATA5	XCFI	38	STS0, STS1	: STATUS 0, 1
63	DATA6	IDEN	39		(FOR PARALLEL INTERFACE)
64	DATA7	NT4F	40	TST0 - TST7	: FOR TEST 0-7
65		PL4F	41		
66	ICAD0	PL8F	42	OUTPUT	
67	ICAD1	PM8F	43	BGATE	: BLANKING LINE PULSE
68	ICAD2		44	CK135	: 13.5 MHz CLOCK
69	ICAD3	EXP0	45	EXP0	: EXPANDED OUTPUT PORT
70	SIN	IFBUSY	46	GSAV	: (G) SAV PULSE
71	SCK	SOUT	47	GVITC	: GNEVRATED VITC
72	LPARA	RVITC	48	HMSK	: (R) VITC SEARCH LINE
73	STS0	RLTCH	49	IDEN	: IC INTERFACE ENABLE
74	STS1	RINT	50	IFBUSY	: INTERFACE BUSY
75	STRB	REND	51	NT4F	: NTSC 4FIELD
76	START	RCF	52	OCF	: COLOR FRAMING
77	RD	RDF	53	OHD	: HD
78	CS	RFM	54	OPA	: PARITY
79		RERR	55	OSVI	: SLICED VITC
80	HRTH	HMSK	56	OVD0 - OVD9	: VIDEO DATA
81	ISVI	VMASK	57	OVD	: VD
82		OSVI	58	PERR	: PARITY ERROR
83			59	PL4F	: PAL 4FIELD
84			60	PL8F	: PAL 8FIELD
85			61	PM8M	: PALM 8FIELD
86			62	RCF	: READ COLOR FRAME BIT
87			63	RDF	: READ DROP FRAME BIT
88			64	REND	: READ END
89			65	RERR	: READ ERROR SIGNAL
90			66	RFM	: READ FEILD MARK BIT
91			67	RINT	: READ END INTERRUPT
92			68	RLTCH	: READ VITC LATCH PULSE
93			69	RVITC	: READ VITC
94			70	SOUT	: SERIAL DATA
95			71	VGATE	: INSERT LINE PULSE
96			72	VMASK	: (R) EAV_SAV MASK PULSE
97			73	XCFI	: COLOR FRAMING INFORMATION

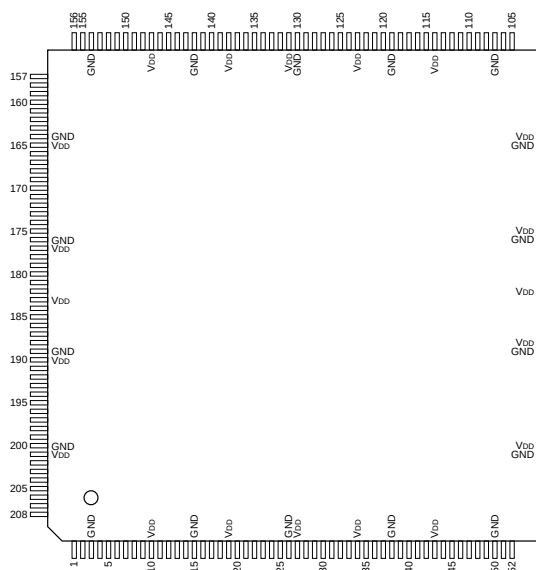
INPUT/OUTPUT

DATA0 - DATA7 : PARARELL INTERFACE DATA BUS

CXD9014BR (SONY)

C-MOS VIDEO FILTER

—TOP VIEW—

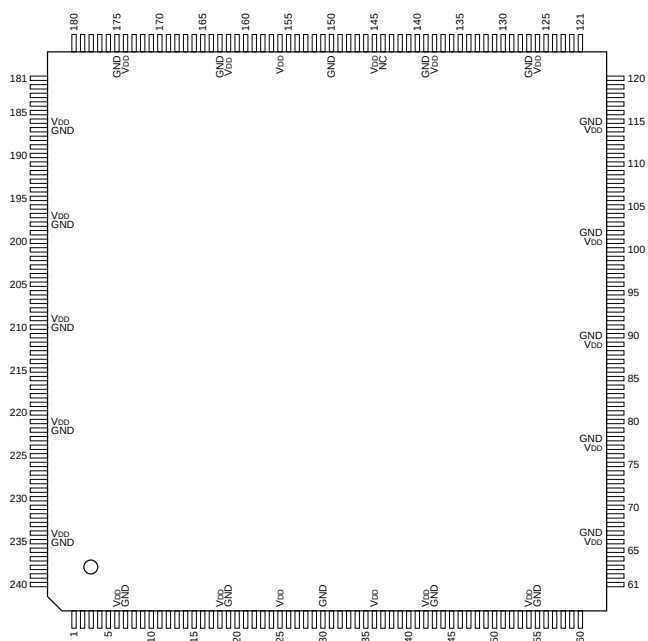


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	CD 1	53	O	OP FRAME	105	I	VPD	157	I	ODD ID 4
2	I	CD 0	54	O	OP SYNC	106	I/O	SDR DATA 15	158	I	ODD ID 3
3	—	GND	55	O	EVEN OD 0	107	—	GND	159	I	ODD ID 2
4	I	DATA EN	56	O	EVEN OD 1	108	I/O	SDR DATA 14	160	I	ODD ID 1
5	I	SDI H	57	O	EVEN OD 2	109	I/O	SDR DATA 13	161	I	ODD ID 0
6	I	SDI F	58	O	EVEN OD 3	110	I/O	SDR DATA 12	162	I	EVEN ID 9
7	I	REF 74F	59	O	EVEN OD 4	111	I/O	SDR DATA 11	163	I	EVEN ID 8
8	I	REF 46F	60	—	GND	112	I/O	SDR DATA 10	164	—	GND
9	I	OP ENABLE	61	—	VDD	113	I/O	SDR DATA 9	165	—	VDD
10	—	VDD	62	O	EVEN OD 5	114	—	VDD	166	I	EVEN ID 7
11	I	CHIP SELECT	63	O	EVEN OD 6	115	I/O	SDR DATA 8	167	I	EVEN ID 6
12	I	STROBE	64	O	EVEN OD 7	116	I/O	SDR DATA 7	168	I	EVEN ID 5
13	I	STATUS 0	65	O	EVEN OD 8	117	I/O	SDR DATA 6	169	I	EVEN ID 4
14	I	STATUS 1	66	O	EVEN OD 9	118	I	VREF	170	I	EVEN ID 3
15	—	GND	67	O	ODD OD 0	119	—	GND	171	I	EVEN ID 2
16	I/O	SYS BUS 0	68	O	ODD OD 1	120	I/O	SDR DATA 5	172	I	EVEN ID 1
17	I/O	SYS BUS 1	69	O	ODD OD 2	121	I/O	SDR DATA 4	173	I	EVEN ID 0
18	I/O	SYS BUS 2	70	O	ODD OD 3	122	I/O	SDR DATA 3	174	O	VS1
19	—	VDD	71	O	ODD OD 4	123	—	VDD	175	O	VDI1
20	I/O	SYS BUS 3	72	—	GND	124	I/O	SDR DATA 2	176	—	GND
21	I/O	SYS BUS 4	73	—	VDD	125	I/O	SDR DATA 1	177	—	VDD
22	I/O	SYS BUS 5	74	O	ODD OD 5	126	I/O	SDR DATA 0	178	O	VS2
23	I/O	SYS BUS 6	75	O	ODD OD 6	127	O	SDR DQM	179	O	VDI2
24	I/O	SYS BUS 7	76	O	ODD OD 7	128	O	SDR WE	180	I	IP HSYNC
25	O	F	77	O	ODD OD 8	129	O	SDR CK	181	I	RESET
26	—	GND	78	O	ODD OD 9	130	—	GND	182	I	PULLS
27	—	VDD	79	—	VDD	131	—	VDD	183	—	VDD
28	O	H	80	I	XSM	132	O	SDR CAS	184	I	SMCK
29	O	CD 0	81	I	XTST	133	O	SDR CKE	185	I	CK46
30	O	CD 1	82	I	DUB FRAME	134	O	SDR RAS	186	I	CK74
31	O	CD 2	83	I	DUB SYNC	135	O	SDR CS	187	I	YD 9
32	O	CD 3	84	I	MST	136	O	SDR ADDR 11	188	I	YD 8
33	O	CD 4	85	—	GND	137	O	SDR ADDR 10	189	—	GND
34	—	VDD	86	—	VDD	138	—	VDD	190	—	VDD
35	O	CD 5	87	I	DUB BD 0	139	O	SDR ADDR 9	191	I	YD 7
36	O	CD 6	88	I	DUB BD 1	140	O	SDR ADDR 8	192	I	YD 6
37	O	CD 7	89	I	DUB BD 2	141	O	SDR ADDR 7	193	I	YD 5
38	—	GND	90	I	DUB BD 3	142	—	GND	194	I	YD 4
39	O	CD 8	91	I	DUB BD 4	143	O	SDR ADDR 6	195	I	YD 3
40	O	CD 9	92	I	DUB BD 5	144	O	SDR ADDR 5	196	I	YD 2
41	O	YD 0	93	I	DUB BD 6	145	O	SDR ADDR 4	197	I	YD 1
42	O	YD 1	94	I	DUB BD 7	146	O	SDR ADDR 3	198	I	YD 0
43	—	VDD	95	I	DUB AD 0	147	—	VDD	199	I	CD 9
44	O	YD 2	96	—	GND	148	O	SDR ADDR 2	200	—	GND
45	O	YD 3	97	—	VDD	149	O	SDR ADDR 1	201	—	VDD
46	O	YD 4	98	I	DUB AD 1	150	O	SDR ADDR 0	202	I	CD 8
47	O	YD 5	99	I	DUB AD 2	151	I	ODD ID 9	203	I	CD 7
48	O	YD 6	100	I	DUB AD 3	152	I	ODD ID 8	204	I	CD 6
49	O	YD 7	101	I	DUB AD 4	153	I	ODD ID 7	205	I	CD 5
50	—	GND	102	I	DUB AD 5	154	—	GND	206	I	CD 4
51	O	YD 8	103	I	DUB AD 6	155	I	ODD ID 6	207	I	CD 3
52	O	YD 9	104	I	DUB AD 7	156	I	ODD ID 5	208	I	CD 2

CXD9015CR (SONY)

C-MOS ERROR CORRECTION ENCODER

—TOP VIEW—

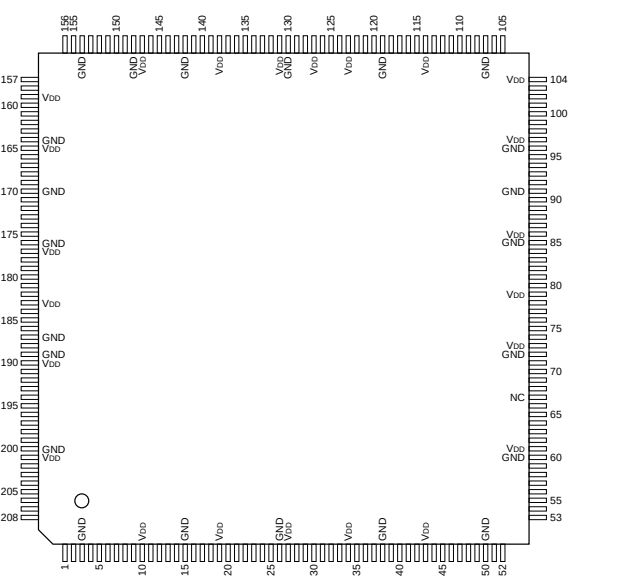


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	IP CAM	61	O	OVSS 3	121	I	PB AC SEL CONF	181	O	OVSS 13
2	I	IP VPD	62	I/O	BP SYSBUS 4	122	I	PB BD SEL ADV	182	O	EE REC AF SEL
3	I	IP ITSIO	63	I/O	BP SYSBUS 5	123	I	PB AC SEL ADV	183	O	EE REC BF SEL
4	I	IP BRRO 7	64	I/O	BP SYSBUS 6	124	I	IP REC BD SEL	184	O	EE REC CG SEL
5	I	IP BRRO 6	65	I/O	BP SYSBUS 7	125	I	IP REC AC SEL	185	O	EE REC DH SEL
6	—	GND	66	—	VDD	126	—	VDD	186	—	VDD
7	—	GND	67	—	GND	127	—	GND	187	—	GND
8	I	IP BRRO 5	68	I	IP AUDFP	128	O	OP REC DATDN	188	I/O	BP DQ 15
9	I	IP BRRO 4	69	I	IP 256FS	129	O	OP REC DATDP	189	I/O	BP DQ 14
10	I	IP BRRO 3	70	I	IP AUD1	130	O	OP REC DATCN	190	I/O	BP DQ 13
11	I	IP BRRO 2	71	I	IP FS	131	O	OP REC DATCP	191	O	OVDD2 10
12	O	OVDD1 1	72	O	OVDD2 2	132	O	OVDD2 5	192	O	OVSS 14
13	I	IP BRRO 1	73	I	IP FS	133	O	OVSS 9	193	I/O	BP DQ 12
14	I	IP BRRO 0	74	O	OP CHEN	134	O	OP REC DATBN	194	I/O	BP DQ 11
15	I	IP SYNC0	75	O	OP MONEN	135	O	OP REC DATBP	195	I/O	BP DQ 10
16	I	IP XTST	76	O	OP MONSYNCB	136	O	OP REC DATAN	196	I/O	BP DQ 9
17	I	IP BRR1 7	77	—	VDD	137	O	OP REC DATAP	197	—	VDD
18	—	VDD	78	—	GND	138	—	VDD	198	—	GND
19	—	GND	79	O	OP TRSB	139	—	GND	199	I/O	BP DQ 8
20	I	IP BRR1 6	80	O	OP MONB 7	140	O	OP REC CKON	200	I	SDRAM VREF
21	I	IP BRR1 5	81	O	OP MONB 6	141	O	OP REC CKOP	201	I/O	BP DQ 7
22	I	IP BRR1 4	82	O	OP MONB 5	142	O	OP MPXCKN	202	I/O	BP DQ 6
23	I	IP BRR1 3	83	O	OVDD2 3	143	O	OP MPXCKP	203	I/O	BP DQ 5
24	I	IP BRR1 2	84	O	OP MONB 4	144	—	NC	204	O	OVDD2 11
25	—	VDD	85	O	OP MONB 3	145	—	VDD	205	O	OVSS 15
26	O	OVSS 1	86	O	OP MONB 2	146	O	OVSS 10	206	I/O	BP DQ 4
27	I	IP BRR1 1	87	O	OP MONB 1	147	O	OP MPXON	207	I/O	BP DQ 3
28	I	IP BRR1 0	88	O	OP MONB 0	148	O	OP MPXOP	208	I/O	BP DQ 2
29	I	IP SYNC1	89	—	VDD	149	O	OVDD2 6	209	—	VDD
30	—	GND	90	—	GND	150	—	GND	210	—	GND
31	I	CLK46S0	91	I	PLL THROUGH	151	O	OP EE CKO1N	211	I/O	BP DQ 1
32	O	OVDD2 1	92	O	OVDD2 4	152	O	OP EE CKO1P	212	I/O	BP DQ 0
33	O	OP 47MFF	93	I	IP TESTCK94M	153	O	OVDD2 7	213	O	OP LDQM
34	O	OP 94MFF	94	O	OVSS 4	154	O	OP EE CKO0N	214	O	OP UDG
35	O	OP 47ML	95	I	IP TESTCK47M	155	O	OP EE CKO0P	215	O	OP WE
36	—	VDD	96	O	OVDD1 3	156	—	VDD	216	O	OVDD2 12
37	O	OVSS 2	97	I	CLK47M 60H	157	I	EAN	217	O	SDRAMCLK
38	O	OP 94ML	98	O	OVSS 5	158	I	EXN	218	O	OP CASN
39	I	IP RSTSY	99	I	CLK47M 50H	159	O	OVSS 11	219	O	OP CKE
40	I	IP SMCK	100	O	OVSS 6	160	I	EXP	220	O	OP RASN
41	I	IP XSM	101	—	VDD	161	I	EAP	221	—	VDD
42	—	VDD	102	—	GND	162	—	VDD	222	—	GND
43	—	GND	103	O	OVDD1 4	163	—	GND	223	O	OP CS
44	I	IP MST	104	O	OVSS 7	164	O	OVDD2 8	224	O	OP ADDRESS 11
45	I	IP TS12	105	O	OP MONSYNCA	165	O	OVSS 12	225	O	OP ADDRESS 10
46	I	IP TS11	106	O	OP TRSA	166	O	OP EE DATN	226	O	OP ADDRESS 9
47	I	IP TS10	107	O	OP MONA 7	167	O	OP EE DATDP	227	O	OP ADDRESS 8
48	O	OVDD1 2	108	O	OP MONA 6	168	O	OP EE DATCN	228	O	OVSS 16
49	I	IP RECINH	109	O	OP MONA 5	169	O	OP EE DATCP	229	O	OP ADDRESS 7
50	I	IP SYSREF	110	O	OVSS 8	170	O	OP EE DATBN	230	O	OP ADDRESS 6
51	I	IP SYSCS	111	O	OP MONA 4	171	O	OP EE DATBP	231	O	OP ADDRESS 5
52	I	IP SYSTBR	112	O	OP MONA 3	172	O	OP EE DATAN	232	O	OP ADDRESS 4
53	I	IP SYSTAT 1	113	O	OP MONA 2	173	O	OP EE DATAP	233	O	OP ADDRESS 3
54	—	VDD	114	—	VDD	174	—	VDD	234	—	VDD
55	—	GND	115	—	GND	175	—	GND	235	—	GND
56	I	IP SYSTAT 0	116	O	OP MONA 1	176	O	OP RECEND	236	O	OP ADDRESS 2
57	I/O	BP SYSBUS 0	117	O	OP MONA 0	177	O	OP RECENC	237	O	OP ADDRESS 1
58	I/O	BP SYSBUS 1	118	I	IP F ERASEB	178	O	OP RECENB	238	O	OP ADDRESS 0
59	I/O	BP SYSBUS 2	119	I	IP F ERASEA	179	O	OP RECENA	239	O	OVSS 17
60	I/O	BP SYSBUS 3	120	I	PB BD SEL CONF	180	O	OVDD2 9	240	I	IP SDRAMINIT

CXD9016AR (SONY)

C-MOS ERROR CORRECTION DECODER

—TOP VIEW—

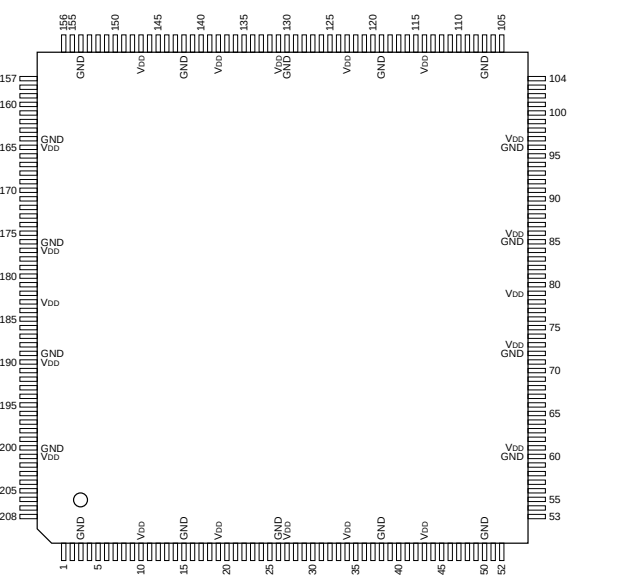


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	RST RESET	53	I	IP SYRW	105	I	IP SPSTOM	157	O	OP MRAS
2	O	VDD2 ADD0	54	O	OP SYRW	106	I	CLK CKSPM	158	O	OP MCS
3	—	GND	55	O	OP ADOUT12	107	—	GND	159	—	VDD
4	I/O	BP AXRQ	56	O	OP ADOUT34	108	I	IP SPINM 7	160	O	OP MA 11
5	I/O	BP AXE	57	O	OP AVSTO	109	I	IP SPINM 6	161	O	OP MA 10
6	I/O	BP AXD 0	58	I	IP DEBUG	110	I	IP SPINM 5	162	O	OP MA 9
7	I/O	BP AXD 1	59	I	IP VPD	111	I	IP SPINM 4	163	O	OP MA 8
8	I/O	BP AXD 2	60	—	GND	112	I	IP SPINM 3	164	—	GND
9	I/O	BP AXD 3	61	—	VDD	113	I	IP SPINM 2	165	—	VDD
10	—	VDD	62	I	IP JUMP	114	—	VDD	166	O	OP MA 7
11	I/O	BP AXD 4	63	I	IP REV	115	I	IP SPINM 1	167	O	OP MA 6
12	I/O	BP AXD 5	64	I	IP FRAME	116	I	IP SPINM 0	168	O	OP MA 5
13	I/O	BP AXD 6	65	I	IP FS	117	O	OP ECMONM 2	169	O	OP MA 4
14	I/O	BP AXD 7	66	I	CLK FS256	118	O	OP ECMONM 1	170	—	GND
15	—	GND	67	—	NC	119	—	GND	171	O	OP MA 3
16	O	OP TRREF	68	I	IP EESWPS	120	O	OP ECMONM 0	172	O	OP MA 2
17	O	OP ACEF	69	I	IP EESWPM	121	O	OP ECMONS 2	173	O	OP MA 1
18	O	OP PBSYM	70	I	IP PBSWPS	122	O	OP ECMONS 1	174	O	OP MA 0
19	—	VDD	71	I	IP PBSWPM	123	—	VDD	175	I	IP MINIT
20	O	OP PBSYS	72	—	GND	124	O	OP ECMONS 0	176	—	GND
21	O	OP SEG 0	73	—	VDD	125	I	IP MBSEL	177	—	VDD
22	O	OP SEG 1	74	I	IP SPINS 0	126	I	IP MRW	178	I	IP CID 2
23	O	OP SEG 2	75	I	IP SPINS 1	127	—	VDD	179	I	IP CID 1
24	O	OP SEG 3	76	I	IP SPINS 2	128	I/O	BP MDQ 15	180	I	IP CID 0
25	O	OP ADERR	77	I	IP SPINS 3	129	I/O	BP MDQ 14	181	O	OP MCMON 2
26	—	GND	78	I	IP SPINS 4	130	—	GND	182	O	OP MCMON 1
27	—	VDD	79	—	VDD	131	—	VDD	183	—	VDD
28	O	OP ADPO 0	80	I	IP SPINS 5	132	I/O	BP MDQ 13	184	O	OP MCMON 0
29	O	OP ADPO 1	81	I	IP SPINS 6	133	I/O	BP MDQ 12	185	I	XTST
30	O	OP ADPO 2	82	I	IP SPINS 7	134	I/O	BP MDQ 11	186	I	XSM
31	O	OP ADPO 3	83	I	CLK CKSPS	135	I/O	BP MDQ 10	187	—	GND
32	O	OP ADPO 4	84	I	IP SPSTOS	136	I/O	BP MDQ 9	188	I	CLK CK46
33	O	OP ADPO 5	85	—	GND	137	I/O	BP MDQ 8	189	—	GND
34	—	VDD	86	—	VDD	138	—	VDD	190	—	VDD
35	O	OP ADPO 6	87	I	CLK CKSEMY	139	I	IP MREF	191	I	CLK CKT46
36	O	OP ADPO 7	88	I	CLK CKSEMX	140	I/O	BP MDQ 7	192	O	VDD1 ADD1
37	O	OP ADPSTO	89	I	IP EERFSY	141	I/O	BP MDQ 6	193	I	IP SELCK
38	—	GND	90	I	IP EERFSX	142	—	GND	194	I	MST
39	I	IP SYCS	91	—	GND	143	I/O	BP MDQ 5	195	I	SMCK
40	I	CLK CKSY	92	I	IP EERFMY	144	I/O	BP MDQ 4	196	O	OP VDOUT 7
41	I	IP SYSTA 0	93	I	IP EERFMX	145	I/O	BP MDQ 3	197	O	OP VDOUT 6
42	I	IP SYSTA 1	94	I	CLK CKPBSY	146	I/O	BP MDQ 2	198	O	OP VDOUT 5
43	—	VDD	95	I	CLK CKPBSX	147	—	VDD	199	O	OP VDOUT 4
44	I/O	BP SYIO 0	96	—	GND	148	—	GND	200	—	GND
45	I/O	BP SYIO 1	97	—	VDD	149	I/O	BP MDQ 1	201	—	VDD
46	I/O	BP SYIO 2	98	I	IP PBRFSY	150	I/O	BP MDQ 0	202	O	OP VDOUT 3
47	I/O	BP SYIO 3	99	I	IP PBRFSX	151	O	OP MDQM	203	O	OP VDOUT 2
48	I/O	BP SYIO 4	100	I	CLK CKPBMX	152	O	OP MWE	204	O	OP VDOUT 1
49	I/O	BP SYIO 5	101	I	CLK CKPBMX	153	O	CLK CKM46	205	O	OP VDOUT 0
50	—	GND	102	I	IP PBRFMY	154	—	GND	206	O	OP VEOUT
51	I/O	BP SYIO 6	103	I	IP PBRFMX	155	O	OP MCAS	207	O	OP VSTO
52	I/O	BP SYIO 7	104	—	VDD	156	O	OP MCKE	208	O	OP VFRAME

CXD9017BR (SONY)

C-MOS VIDEO CONCEALMENT

—TOP VIEW—

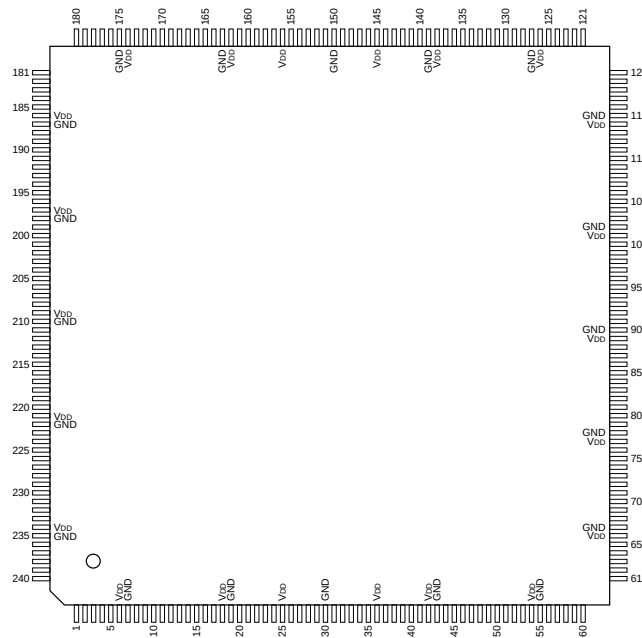


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	IP SYS STATUS 0	53	O	OP SDRAM CS	105	I	IP VIDEO B 2	157	O	OP VIDEO 13
2	I	IP SYS STATUS 1	54	O	OP SDRAM RAS	106	I	IP VIDEO B 3	158	O	OP VIDEO 12
3	—	GND	55	O	OVDD 2	107	—	GND	159	O	OVSS 13
4	O	OVDD 0	56	O	OVSS 4	108	I	IP VIDEO B 4	160	O	OP VIDEO 11
5	I/O	BP SDRAM DAT 0	57	O	OP SDRAM CAS	109	I	IP VIDEO B 5	161	O	OP VIDEO 10
6	I/O	BP SDRAM DAT 1	58	O	OP SDRAM WE	110	I	IP VIDEO B 6	162	O	OP VIDEO 9
7	I/O	BP SDRAM DAT 2	59	O	OP SDRAM CKE	111	I	IP VIDEO B 7	163	O	OP VIDEO 8
8	I/O	BP SDRAM DAT 3	60	—	GND	112	O	OP FIFO WRST	164	—	GND
9	I/O	BP SDRAM DAT 4	61	—	VDD	113	O	OVSS 9	165	—	VDD
10	—	VDD	62	O	OP SDRAM DQM	114	—	VDD	166	O	OP VIDEO 7
11	O	OVSS 0	63	O	OP SDRAM CK	115	O	OP FIFO WCK A	167	O	OP VIDEO 6
12	I/O	BP SDRAM DAT 5	64	O	OP SDRAM ADDR 0	116	O	OP FIFO RCK A	168	O	OP VIDEO 5
13	I/O	BP SDRAM DAT 6	65	O	OP SDRAM ADDR 1	117	O	OP FIFO OE A	169	O	OP VIDEO 4
14	I/O	BP SDRAM DAT 7	66	O	OVDD 3	118	O	OP FIFO WE A	170	O	OVSS 14
15	—	GND	67	O	OVSS 5	119	—	GND	171	O	OP VIDEO 3
16	I	IP SDRAM REF 0	68	O	OP SDRAM ADDR 2	120	O	OP FIFO RE A	172	O	OP VIDEO 2
17	I/O	BP SDRAM DAT 8	69	O	OP SDRAM ADDR 3	121	O	OP FIFO WCK B	173	O	OP VIDEO 1
18	I/O	BP SDRAM DAT 9	70	O	OP SDRAM ADDR 4	122	O	OP FIFO RCK B	174	O	OP VIDEO 0
19	—	VDD	71	O	OP SDRAM ADDR 5	123	—	VDD	175	O	OP Q INDEX 3
20	O	OVSS 1	72	—	GND	124	O	OVSS 10	176	—	GND
21	I/O	BP SDRAM DAT 10	73	—	VDD	125	O	OP FIFO OE B	177	—	VDD
22	I/O	BP SDRAM DAT 11	74	O	OP SDRAM ADDR 6	126	O	OP FIFO WE B	178	O	OP Q INDEX 2
23	I/O	BP SDRAM DAT 12	75	O	OP SDRAM ADDR 7	127	O	OP FIFO RE B	179	O	OP Q INDEX 1
24	I/O	BP SDRAM DAT 13	76	O	OP SDRAM ADDR 8	128	I	IP CONCEAL CTL 0	180	O	OP HD SYNC
25	I/O	BP SDRAM DAT 14	77	O	OP SDRAM ADDR 9	129	I	IP CONCEAL CTL 1	181	O	OP HD SYNC
26	—	GND	78	O	OVSS 6	130	—	GND	182	O	OP SUB HD SYNC
27	—	VDD	79	—	VDD	131	—	VDD	183	—	VDD
28	I/O	BP SDRAM DAT 15	80	O	OP SDRAM ADDR 10	132	I	IP CONCEAL CTL 2	184	O	OVDD 5
29	I/O	BP SDRAM DAT 16	81	O	OP SDRAM ADDR 11	133	I	IP OUTPUT MASK	185	I	IP CKL SEL
30	I/O	BP SDRAM DAT 17	82	I	IP HD SYNC A	134	I	IP FREEZE CTL 0	186	O	OVSS 15
31	I/O	BP SDRAM DAT 18	83	I	IP Q INDEX A 0	135	I	IP FREEZE CTL 1	187	I	IP CLK74
32	I/O	BP SDRAM DAT 19	84	I	IP Q INDEX A 1	136	I	IP FREEZE CTL 2	188	O	OVDD PLL
33	O	OVSS 2	85	—	GND	137	O	OVSS 11	189	—	GND
34	—	VDD	86	—	VDD	138	—	VDD	190	—	VDD
35	I/O	BP SDRAM DAT 20	87	I	IP VIDEO A 0	139	O	OP PLL FF	191	O	OVSS PLL
36	I/O	BP SDRAM DAT 21	88	I	IP VIDEO A 1	140	O	OP FIFO RRST	192	I	IP CKL46
37	I/O	BP SDRAM DAT 22	89	I	IP VIDEO A 2	141	I	SDI0	193	O	OVDD 6
38	—	GND	90	I	IP VIDEO A 3	142	—	GND	194	I	IP SYSTEM RESET
39	I/O	BP SDRAM DAT 23	91	O	OVSS 7	143	I	SDI1	195	I	IP RAM INIT
40	I	IP SDRAM REF 1	92	I	IP VIDEO A 4	144	O	SDO0	196	I/O	BP SYS DATA 7
41	I/O	BP SDRAM DAT 24	93	I	IP VIDEO A 5	145	O	SDO1	197	I/O	BP SYS DATA 6
42	I/O	BP SDRAM DAT 25	94	I	IP VIDEO A 6	146	I	XSM	198	I/O	BP SYS DATA 5
43	—	VDD	95	I	IP VIDEO A 7	147	—	VDD	199	I/O	BP SYS DATA 4
44	O	OVSS 3	96	—	GND	148	O	OVSS 12	200	—	GND
45	I/O	BP SDRAM DAT 26	97	—	VDD	149	I	XTST	201	—	VDD
46	I/O	BP SDRAM DAT 27	98	I	IP HD SYNC B	150	I	SMCK	202	I/O	BP SYS DATA 3
47	I/O	BP SDRAM DAT 28	99	I	IP Q INDEX B 0	151	I	MST	203	I/O	BP SYS DATA 2
48	I/O	BP SDRAM DAT 29	100	I	IP Q INDEX B 1	152	I	IP OE	204	I/O	BP SYS DATA 1
49	O	OVDD 1	101	I	IP VIDEO B 0	153	I	IP VP	205	O	OVSS 16
50	—	GND	102	O	OVSS 8	154	—	GND	206	I/O	BP SYS DATA 0
51	I/O	BP SDRAM DAT 30	103	O	OVDD 4	155	O	OP VIDEO 15	207	I	IP SYS CS
52	I/O	BP SDRAM DAT 31	104	I	IP VIDEO B 1	156	O	OP VIDEO 14	208	I	IP SYS STROBE

CXD9018BR (SONY)

C-MOS VIDEO PROCESSOR

—TOP VIEW—



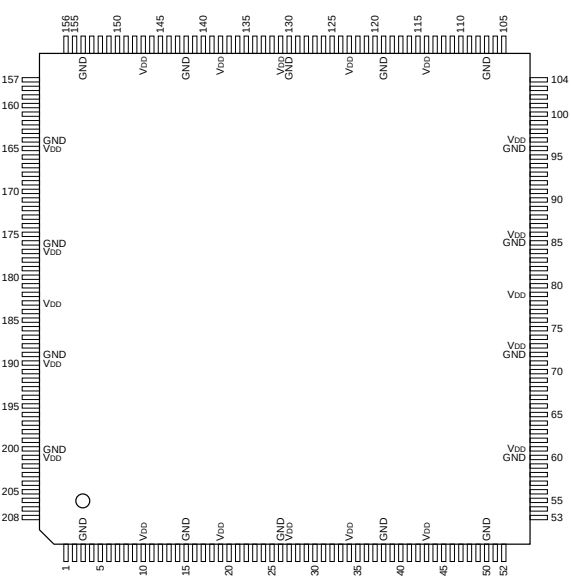
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	MY WDATA 19	31	O	MY WCKB	61	I	CD 3	91	O	Vss 2
2	O	MY WDATA 18	32	O	MY WR	62	I	CD 4	92	O	Vdd1 2
3	O	MY WDATA 17	33	O	Vdd2 1	63	I	CD 5	93	I	ICLK F
4	O	MY WDATA 16	34	O	MY RCKA	64	I	CD 6	94	I	ICLK H
5	O	MY WDATA 15	35	O	MY RCKB	65	I	CD 7	95	I	ICLK CD 0
6	—	Vdd	36	—	Vdd	66	—	Vdd	96	I	ICLK CD 1
7	—	GND	37	O	MY RR	67	—	GND	97	I	ICLK CD 2
8	O	MY WDATA 14	38	I	FIFO VSP	68	I	CD 8	98	I	ICLK CD 3
9	O	MY WDATA 13	39	I/O	SY BUS 7	69	I	CD 9	99	I	ICLK CD 4
10	O	MY WDATA 12	40	I/O	SY BUS 6	70	I	YD 0	100	I	ICLK CD 5
11	O	MY WDATA 11	41	I/O	SY BUS 5	71	I	YD 1	101	—	Vdd
12	O	MY WDATA 10	42	—	Vdd	72	I	YD 2	102	—	GND
13	O	MY WDATA 9	43	—	GND	73	I	YD 3	103	I	ICLK CD 6
14	O	MY WDATA 8	44	I/O	SY BUS 4	74	I	YD 4	104	I	ICLK CD 7
15	O	MY WDATA 7	45	I/O	SY BUS 3	75	I	YD 5	105	I	ICLK CD 8
16	O	MY WDATA 6	46	I/O	SY BUS 2	76	I	YD 6	106	I	ICLK CD 9
17	O	MY WDATA 5	47	I/O	SY BUS 1	77	—	Vdd	107	I	ICLK YD 0
18	—	Vdd	48	I/O	SY BUS 0	78	—	GND	108	I	ICLK YD 1
19	—	GND	49	I	STATUS 1	79	I	YD 7	109	I	ICLK YD 2
20	O	MY WDATA 4	50	I	STATUS 0	80	I	YD 8	110	I	ICLK YD 3
21	O	MY WDATA 3	51	I	STROBE	81	I	YD 9	111	I	ICLK YD 4
22	O	MY WDATA 2	52	I	CHIP SELECT	82	I	CK74	112	I	ICLK YD 5
23	O	MY WDATA 1	53	I	RESET	83	I	SMCK	113	I	ICLK YD 6
24	O	MY WDATA 0	54	—	Vdd	84	I	MST	114	—	Vdd
25	—	Vdd	55	—	GND	85	O	Vdd1 1	115	—	GND
26	O	OMY H	56	I	F	86	O	Vss 1	116	I	ICLK YD 7
27	O	OMY F	57	I	H	87	I	PLLS	117	I	ICLK YD 8
28	O	OMY PF	58	I	CD 0	88	I	ICLK CK74	118	I	ICLK YD 9
29	O	MY WCKA	59	I	CD 1	89	—	Vdd	119	I	IMY F
30	—	GND	60	I	CD 2	90	—	GND	120	I	IMY H

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
121	I	MY RDATA 0	151	I	IINTEN	181	I	OUT ENABLE	211	O	Vdd2 2
122	I	MY RDATA 1	152	I	IVOB	182	I	VP	212	I	XTST
123	I	MY RDATA 2	153	O	CG H	183	O	CD 0	213	I	XSM
124	I	MY RDATA 3	154	O	CG V	184	O	CD 1	214	O	DNC CD 0
125	I	MY RDATA 4	155	O	CG ENEN	185	O	CD 2	215	O	DNC CD 1
126	—	Vdd	156	—	Vdd	186	—	Vdd	216	O	DNC CD 2
127	—	GND	157	O	MONI CD 0	187	—	GND	217	O	DNC CD 3
128	I	MY RDATA 5	158	O	MONI CD 1	188	O	CD 3	218	O	DNC CD 4
129	I	MY RDATA 6	159	O	MONI CD 2	189	O	CD 4	219	O	DNC CD 5
130	I	MY RDATA 7	160	O	MONI CD 3	190	O	CD 5	220	O	DNC CD 6
131	I	MY RDATA 8	161	O	MONI CD 4	191	O	CD 6	221	—	Vdd
132	I	MY RDATA 9	162	—	Vdd	192	O	CD 7	222	—	GND
133	I	MY RDATA 10	163	—	GND	193	O	CD 8	223	O	DNC CD 7
134	I	MY RDATA 11	164	O	MONI CD 5	194	O	CD 9	224	O	DNC CD 8
135	I	MY RDATA 12	165	O	MONI CD 6	195	O	YD 0	225	O	DNC CD 9
136	I	MY RDATA 13	166	O	MONI CD 7	196	O	YD 1	226	O	DNC YD 0
137	I	MY RDATA 14	167	O	MONI CD 8	197	—	Vdd	227	O	DNC YD 1
138	—	Vdd	168	O	MONI CD 9	198	—	GND	228	O	DNC YD 2
139	—	GND	169	O	MONI YD 0	199	O	YD 2	229	O	DNC YD 3
140	I	MY RDATA 15	170	O	MONI YD 1	200	O	YD 3	230	O	DNC YD 4
141	I	MY RDATA 16	171	O	MONI YD 2	201	O	YD 4	231	O	DNC YD 5
142	I	MY RDATA 17	172	O	MONI YD 3	202	O	YD 5	232	O	DNC YD 6
143	I	MY RDATA 18	173	O	MONI YD 4	203	O	YD 6	233	O	DNC YD 7
144	I	MY RDATA 19	174	—	Vdd	204	O	YD 7	234	—	Vdd
145	—	Vdd	175	—	GND	205	O	YD 8	235	—	GND
146	I	DOCK IN	176	O	MONI YD 5	206	O	YD 9	236	O	DNC YD 8
147	I	IRED	177	O	MONI YD 6	207	O	H	237	O	DNC YD 9
148	I	IGREEN	178	O	MONI YD 7	208	O	F	238	O	DNC H
149	I	IBLUE	179	O	MONI YD 8	209	—	Vdd	239	O	DNC F
150	—	GND	180	O	MONI YD 9	210	—	GND	240	O	DNC PF

CXD9019AR (SONY)

C-MOS BIT REDUCTION ENCODER

—TOP VIEW—

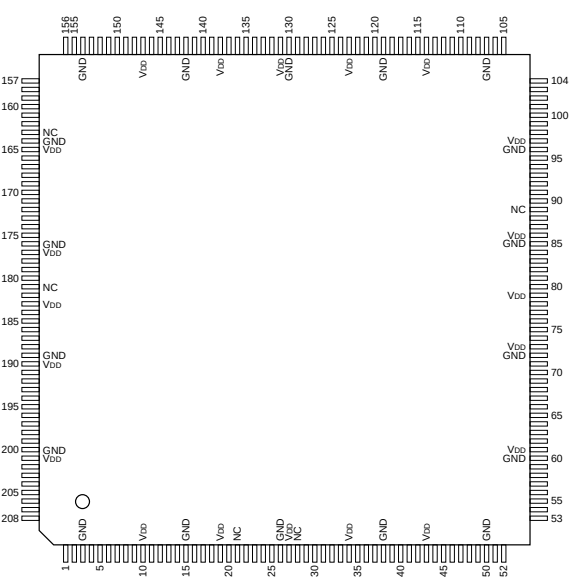


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	IP TBUS10	53	I	SDI	105	O	VD2 4	157	O	VD2 8
2	I	IP TBUS11	54	I	SM	106	I/O	BI EXT D15	158	O	OP EXT A3
3	—	GND	55	I	SMCK	107	—	GND	159	O	OP EXT A2
4	I	IP TBUS12	56	O	VS1 1	108	I/O	BI EXT D14	160	O	OP EXT A1
5	I	IP TBUS13	57	O	OP TBUS0	109	I/O	BI EXT D13	161	O	OP EXT A0
6	I	IP TBUS14	58	O	OP TBUS1	110	I/O	BI EXT D12	162	I	IP IH
7	I	IP TBUS15	59	O	OP TBUS2	111	I/O	BI EXT D11	163	I	IP VID0
8	I	IP TBUS16	60	—	GND	112	I/O	BI EXT D10	164	—	GND
9	I	IP TBUS17	61	—	VDD	113	O	VS1 6	165	—	VDD
10	—	VDD	62	O	OP TBUS3	114	—	VDD	166	I	IP VID1
11	I	IP TBUS18	63	O	OP TBUS4	115	I/O	BI EXT D9	167	I	IP VID2
12	I	IP TBUS19	64	O	OP TBUS5	116	I/O	BI EXT D8	168	I	IP VID3
13	I	IP TBUS20	65	O	OP TBUS6	117	I/O	BI EXT D7	169	I	IP VID4
14	I	IP TBUS21	66	O	VS1 2	118	I	VREF IN	170	I	IP VID5
15	—	GND	67	O	OP TBUS7	119	—	GND	171	I	IP VID6
16	I	IP TBUS22	68	O	OP TBUS8	120	O	VD2 5	172	I	IP VID7
17	I	IP TBUS23	69	O	OP TBUS9	121	I/O	BI EXT D6	173	I	IP H SYNC
18	I	IP TBUS24	70	O	OP TBUS10	122	I/O	BI EXT D5	174	O	VD1 1
19	—	VDD	71	O	VD2 2	123	—	VDD	175	I	CLK TST1
20	I	IP TBUS25	72	—	GND	124	I/O	BI EXT D4	176	—	GND
21	I	IP TBUS26	73	—	VDD	125	I/O	BI EXT D3	177	—	VDD
22	I	IP TBUS27	74	O	OP TBUS11	126	O	VS1 7	178	O	VS1 9
23	I	IP TBUS28	75	O	OP TBUS12	127	I/O	BI EXT D2	179	O	VD1 2
24	I	IP TBUS29	76	O	OP TBUS13	128	I/O	BI EXT D1	180	I	CK VID
25	I	IP TOMX0	77	O	OP TBUS14	129	I/O	BI EXT D0	181	O	VS1 10
26	—	GND	78	O	OP TBUS15	130	—	GND	182	I	CLR SYS
27	—	VDD	79	—	VDD	131	—	VDD	183	—	VDD
28	I	IP TOMX1	80	O	VS1 3	132	O	DIR OUT	184	I	CLK TST0
29	I	IP TOMX2	81	O	OP TBUS16	133	I	DIR IN	185	I	IP SEL
30	I	IP TOMX3	82	O	OP TBUS17	134	O	VD2 6	186	O	OP SEL
31	I	IP TSEL0	83	O	OP TBUS18	135	I	IP EXT CLK	187	I	IP LOFFSEL
32	I	IP TSEL1	84	O	OP TBUS19	136	O	VS1 8	188	O	OP LOCK
33	I	IP TSEL2	85	—	GND	137	O	OP EXT DQM	189	—	GND
34	—	VDD	86	—	VDD	138	—	VDD	190	—	VDD
35	I	IP TSEL3	87	O	SDO	139	O	OP EXT WE	191	O	OP PLLFF
36	I	IP CS	88	O	OP SEG P	140	O	VD2 7	192	I	IP TEN
37	I	IP STRB	89	O	OP FRM P	141	O	OP EXT CK	193	O	OP TIMX0
38	—	GND	90	O	OP SYNC	142	—	GND	194	O	OP TIMX1
39	I	IP STAT0	91	O	OP EXT CAS	143	O	OP EXT CAS	195	O	OP TIMX2
40	I	IP STAT1	92	O	VD1 4	144	O	OP EXT RAS	196	O	OP TIMX3
41	I/O	BI SYSIO0	93	O	OP CVID0	145	O	OP EXT CS2	197	O	OP TBUS0
42	I/O	BI SYSIO1	94	O	OP CVID1	146	O	OP EXT CS1	198	O	OP TBUS1
43	—	VDD	95	O	OP CVID2	147	—	VDD	199	O	OP TBUS2
44	I/O	BI SYSIO2	96	—	GND	148	O	OP EXT A11	200	—	GND
45	I/O	BI SYSIO3	97	—	VDD	149	O	OP EXT A10	201	—	VDD
46	I/O	BI SYSIO4	98	O	OP CVID3	150	O	OP EXT A9	202	I	IP TBUS3
47	I/O	BI SYSIO5	99	O	OP CVID4	151	O	OP EXT A8	203	I	IP TBUS4
48	I/O	BI SYSIO6	100	O	OP CVID5	152	O	OP EXT A7	204	I	IP TBUS5
49	O	VD2 1	101	O	OP CVID6	153	O	OP EXT A6	205	I	IP TBUS6
50	—	GND	102	O	OP CVID7	154	—	GND	206	I	IP TBUS7
51	I/O	BI SYSIO7	103	O	VS1 5	155	O	OP EXT A5	207	I	IP TBUS8
52	I	MST	104	I	VPD	156	O	OP EXT A4	208	I	IP TBUS9

CXD9020CR (SONY)

C-MOS BIT REDUCTION DECODER

—TOP VIEW—

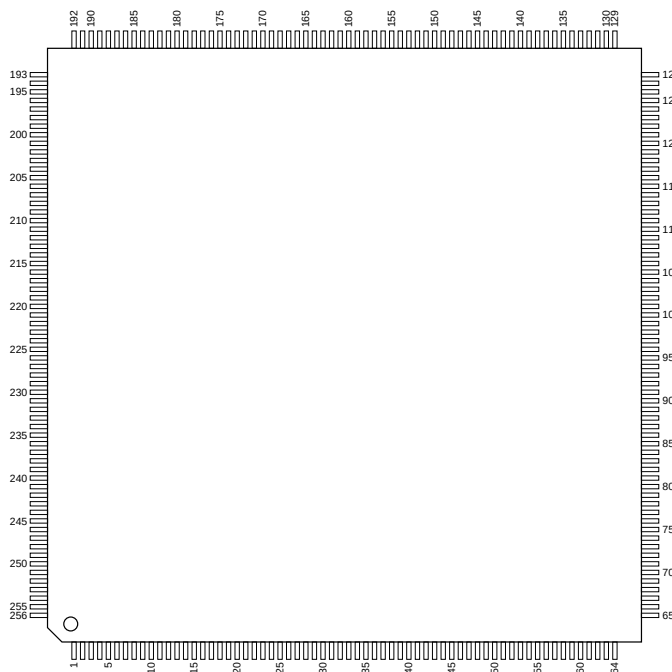


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OP TBUS3	53	I	IP TBUS9	105	O	VD2 2	157	O	VD2 6
2	O	OP TBUS2	54	I	IP TBUS10	106	I/O	BI EXT D15	158	O	OP EXT A3
3	—	GND	55	I	IP TBUS11	107	—	GND	159	O	OP EXT A2
4	O	VD2 1	56	I	IP TBUS12	108	I/O	BI EXT D14	160	O	OP EXT A1
5	O	OP TBUS1	57	I	IP TBUS13	109	I/O	BI EXT D13	161	O	OP EXT A0
6	O	OP TBUS0	58	I	IP TBUS14	110	I/O	BI EXT D12	162	I	IP IH
7	I	MMS 0	59	I	IP TBUS15	111	I/O	BI EXT D11	163	—	NC
8	I	MMS 1	60	—	GND	112	I/O	BI EXT D10	164	—	GND
9	I	MMS 2	61	—	VDD	113	O	VS1 3	165	—	VDD
10	—	VDD	62	I	IP TBUS16	114	—	VDD	166	O	OP VID7
11	I	MST	63	I	IP TBUS17	115	I/O	BI EXT D9	167	O	OP VID6
12	I	SM	64	I	IP TOMX0	116	I/O	BI EXT D8	168	O	OP VID5
13	I	SMCK	65	I	IP TOMX1	117	I/O	BI EXT D7	169	O	OP VID4
14	I	SDI	66	I	IP TSEL0	118	I	VREF IN	170	O	VS1 6
15	—	GND	67	I	IP TSEL1	119	—	GND	171	O	VD2 7
16	O	SDO	68	I	IP TSEL2	120	O	VD2 3	172	O	OP VID3
17	I	MMS 3	69	I	IP TSEL3	121	I/O	BI EXT D6	173	O	OP VID2
18	I	VPD	70	I	IP TSEL4	122	I/O	BI EXT D5	174	O	OP VID1
19	—	VDD	71	O	OP PLLFF	123	—	VDD	175	O	OP VID0
20	I	MMS 4	72	—	GND	124	O	VS1 4	176	—	GND
21	—	NC	73	—	VDD	125	I/O	BI EXT D4	177	—	VDD
22	I	IP CS	74	O	OP LOCK	126	I/O	BI EXT D3	178	O	OP Q11
23	I	IP STRB	75	I	IP LOFFSEL	127	I/O	BI EXT D2	179	O	OP Q10
24	I	IP STAT0	76	O	OP SEL	128	I/O	BI EXT D1	180	O	OP H SYNC
25	I	IP STAT1	77	I	IP SEL	129	I/O	BI EXT D0	181	—	NC
26	—	GND	78	I	CLK TST0	130	—	GND	182	O	VS1 7
27	—	VDD	79	—	VDD	131	—	VDD	183	—	VDD
28	—	NC	80	I	CLR SYS	132	O	DIR OUT	184	O	OP TBUS20
29	I/O	BI SYSIO0	81	O	VS1 1	133	I	DIR IN	185	O	OP TBUS19
30	I/O	BI SYSIO1	82	I	CK VID	134	O	VD2 4	186	O	OP TBUS18
31	I/O	BI SYSIO2	83	O	VS1 PLL	135	I/O	IP EXT CLK	187	O	OP TBUS17
32	I/O	BI SYSIO3	84	O	VD1 PLL	136	O	VS1 5	188	O	VD1 8
33	I/O	BI SYSIO4	85	—	GND	137	O	IP EXT DQM	189	—	GND
34	—	VDD	86	—	VDD	138	—	VDD	190	—	VDD
35	I/O	BI SYSIO5	87	I	CLK TST1	139	O	IP EXT WE	191	O	OP TBUS16
36	I/O	BI SYSIO6	88	O	VD1 1	140	O	VD2 5	192	O	OP TBUS15
37	I/O	BI SYSIO7	89	—	NC	141	O	OP EXT CK	193	O	OP TBUS14
38	—	GND	90	I	IP F0 F1	142	—	GND	194	O	OP TBUS13
39	I	IP TEN	91	I	IP FRM P	143	O	OP EXT CAS	195	O	VS1 8
40	I	IP TIMX0	92	I	IP SYNC	144	O	OP EXT RAS	196	O	OP TBUS12
41	I	IP TIMX1	93	I	IP CERR	145	O	OP EXT CS2	197	O	OP TBUS11
42	I	IP TBUS0	94	I	IP CVID0	146	O	OP EXT CS1	198	O	OP TBUS10
43	—	VDD	95	I	IP CVID1	147	—	VDD	199	O	OP TBUS9
44	I	IP TBUS1	96	—	GND	148	O	OP EXT A11	200	—	GND
45	I	IP TBUS2	97	—	VDD	149	O	OP EXT A10	201	—	VDD
46	I	IP TBUS3	98	I	IP CVID2	150	O	OP EXT A9	202	O	OP TBUS8
47	I	IP TBUS4	99	I	IP CVID3	151	O	OP EXT A8	203	O	OP TBUS7
48	I	IP TBUS5	100	I	IP CVID4	152	O	OP EXT A7	204	O	OP TBUS6
49	I	IP TBUS6	101	I	IP CVID5	153	O	OP EXT A6	205	O	OP TBUS5
50	—	GND	102	I	IP CVID6	154	—	GND	206	O	OP TBUS4
51	I	IP TBUS7	103	I	IP CVID7	155	O	OP EXT A5	207	O	VD2 9
52	I	IP TBUS8	104	O	VS1 2	156	O	OP EXT A4	208	O	VS1 9

CXD9100R (FUJITSU)

VITC GENERATOR AND COMPOSITE ENCODER

—TOP VIEW—

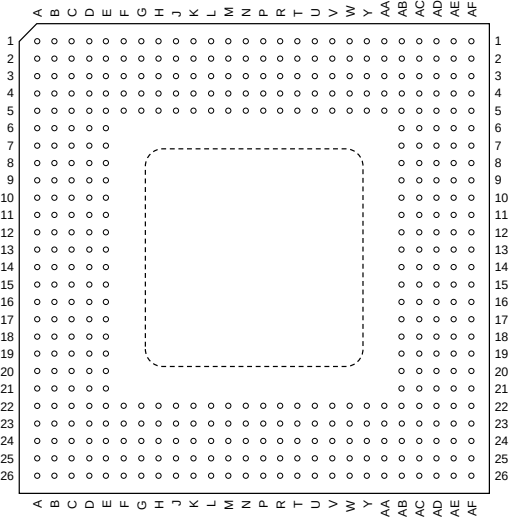


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	CSOUT	65	O	PBCF 1	129	O	CMPST 2	193	O	CMPB 5
2	—	Vcc	66	O	PBCF 0	130	O	CMPST 1	194	O	CMPB 4
3	O	D1HD	67	—	Vcc	131	O	CMPST 0	195	O	CMPB 3
4	I/O	BGATE	68	O	VISC 9	132	—	Vcc	196	O	CMPB 2
5	—	GND	69	O	VISC 8	133	—	GND	197	O	CMPB 1
6	—	Vcc	70	O	VISC 7	134	—	Vcc	198	O	CMPB 0
7	I	IVD 9	71	O	VISC 6	135	I	ROMSEL 01	199	—	Vcc
8	I	IVD 8	72	—	GND	136	I/O	WRADRR	200	—	GND
9	I	IVD 7	73	—	Vcc	137	I/O	RDADDR	201	O	G SAV
10	I	IVD 6	74	—	Vcc	138	O	D2SYNC	202	—	Vcc
11	I	IVD 5	75	I	AVD0	139	O	CLAMP	203	I/O	D CF
12	I	IVD 4	76	I	VREF0	140	O	F4HD	204	I	TMOD 2
13	I	IVD 3	77	O	VRO0	141	O	CMPY 9	205	I	TMOD 1
14	I	IVD 2	78	O	AOUT0	142	O	CMPY 8	206	I	TMOD 0
15	I	IVD 1	79	I	AVS0	143	O	CMPY 7	207	—	VCC
16	I	IVD 0	80	I	AVD1	144	O	CMPY 6	208	I	VSCCY
17	I	RESET	81	I	VREF1	145	O	CMPY 5	209	I	BBCPST
18	—	GND	82	O	VRO1	146	—	GND	210	I	START
19	—	Vcc	83	O	AOUT1	147	—	Vcc	211	I	SCK
20	I	PFILO	84	I	AVS1	148	O	CMPY 4	212	—	GND
21	I	IHD	85	I	AVD2	149	O	CMPY 3	213	—	Vcc
22	I	INVD	86	I	VREF2	150	O	CMPY 2	214	I	SIN
23	I	ISVI	87	O	VRO2	151	O	CMPY 1	215	I	HRTH
24	—	GND	88	O	AOUT2	152	O	CMPY 0	216	I	STRB
25	—	Vcc	89	I	AVS2	153	—	Vcc	217	I	CS
26	I	CADDR 2	90	—	GND	154	O	CMPR 9	218	O	VSOUT
27	I	CADDR 1	91	O	VISC 5	155	O	CMPR 8	219	I/O	REND
28	I	CADDR 0	92	—	Vcc	156	O	CMPR 7	220	I/O	OSVI
29	I	ICF	93	O	VISC 4	157	O	CMPR 6	221	I/O	RVITC
30	I	IPA	94	O	VISC 3	158	O	CMPR 5	222	I/O	RLTCH
31	I	CK27	95	O	VISC 2	159	O	CMPR 4	223	I/O	GVITC
32	—	GND	96	—	GND	160	—	GND	224	—	GND
33	I	VLPARA	97	—	Vcc	161	O	CMPR 3	225	—	Vcc
34	I	TCK	98	O	VISC 1	162	O	CMPR 2	226	I/O	R FM
35	I	TMS	99	O	VISC 0	163	O	CMPR 1	227	O	DPARITY
36	I	TRST	100	—	NC	164	O	CMPR 0	228	I	VADRS 3
37	I	TDI	101	I	ROMSEL10	165	I/O	HMSK	229	I	VADRS 2
38	O	TDO	102	I	PALNTSC	166	I/O	R ERR	230	I	VADRS 1
39	I/O	R CF	103	I	TEST	167	O	BUSY	231	I	VADRS 0
40	—	Vcc	104	I	PD0	168	—	Vcc	232	I	STAT 1
41	O	BBST 9	105	I	PD1	169	O	DDATA 9	233	I	STAT 0
42	O	BBST 8	106	I	PD2	170	O	DDATA 8	234	I	LPARA
43	O	BBST 7	107	I	CK8FSC	171	O	DDATA 7	235	I	CPUCLK
44	O	BBST 6	108	—	GND	172	O	DDATA 6	236	—	GND
45	O	BBST 5	109	—	Vcc	173	O	DDATA 5	237	—	Vcc
46	—	GND	110	I	REF CF	174	—	GND	238	I	CADRS 3
47	—	Vcc	111	I	REFVD	175	—	Vcc	239	I	CADRS 2
48	O	BBST 4	112	I	REFHD	176	O	DDATA 4	240	I	CADRS 1
49	O	BBST 3	113	I	CMUTE	177	O	DDATA 3	241	I	CADRS 0
50	O	BBST 2	114	—	Vcc	178	O	DDATA 2	242	—	Vcc
51	O	BBST 1	115	O	DOUT	179	O	DDATA 1	243	I/O	CPUBUS 7
52	O	BBST 0	116	O	HS SHIFT	180	O	DDATA 0	244	I/O	CPUBUS 6
53	I/O	VGATE	117	—	Vcc	181	I/O	V MASK	245	I/O	CPUBUS 5
54	I/O	XCFI	118	O	V SHIFT	182	O	WCK4FSC	246	—	Vcc
55	I/O	NT4F	119	—	GND	183	O	DDCF 2	247	—	GND
56	I/O	PL4F	120	O	CK4FSC	184	O	DDCF 1	248	I/O	CPUBUS 4
57	I/O	PL8F	121	—	Vcc	185	O	DDCF 0	249	—	Vcc
58	—	Vcc	122	O	CMPST 9	186	—	Vcc	250	I/O	CPUBUS 3
59	—	GND	123	O	CMPST 8	187	—	GND	251	I/O	CPUBUS 2
60	—	Vcc	124	O	CMPST 7	188	—	Vcc	252	I/O	CPUBUS 1
61	O	REFCF 2	125	O	CMPST 6	189	O	CMPB 9	253	I/O	CPUBUS 0
62	O	REFCF 1	126	O	CMPST 5	190	O	CMPB 8	254	I/O	CK135
63	O	REFCF 0	127	O	CMPST 4	191	O	CMPB 7	255	I/O	IFBUSY
64	O	PBCF 2	128	O	CMPST 3	192	O	CMPB 6	256	I/O	RINIT

CXD9092GB (FUJITSU)

DOWN CONVERTER

—BOTTOM VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
A1	—	GND	AC26	O	SUB5	H2	—	NC	M25	O	R7	AC3	—	NC	C14	O	TDO	V23	—	NC
B1	I	Y0	AB26	O	SUB3	J2	—	NC	L25	O	R4	AD3	—	NC	C13	—	NC	V23	—	NC
C1	I	Y1	AA26	O	SUB1	K2	—	NC	K25	O	R1	AD4	I	SDA	C12	—	NC	U23	—	NC
D1	I	Y2	Y26	O	MAIN9	L2	O	OPCK27 FB	J25	—	NC	AD5	I/O	SDRAMD4	C11	—	NC	T23	—	NC
E1	I	Y3	W26	O	MAIN7	M2	I	CK 27 SEL	H25	O	G7	AD6	I/O	SDRAMD7	C10	—	NC	R23	—	NC
F1	I	Y4	V26	O	MAIN5	N2	I	CK 27 TEST	G25	O	G4	AD7	I/O	SDRAMD10	C9	—	NC	P23	—	NC
G1	I	Y5	U26	O	MAIN3	P2	I	CK 74 SEL	F25	O	G1	AD8	I/O	SDRAMD13	C8	—	NC	N23	—	NC
H1	I	Y6	T26	O	MAIN1	R2	I	CK 74 TEST	E25	O	B8	AD9	I/O	SDRAMD16	C7	O	TSDO1	M23	—	NC
J1	I	Y7	R26	O	SDSKIN	T2	O	OPCK74 FB	D25	O	B5	AD10	I/O	SDRAMD19	C6	—	NC	L23	—	NC
K1	I	Y8	P26	O	CK	U2	—	NC	C25	O	B2	AD11	I/O	SDRAMD22	C5	—	NC	K23	—	NC
L1	I	Y9	N26	O	R9	V2	—	NC	B25	O	MON8	AD12	I/O	SDRAMD25	C4	—	NC	J23	—	NC
M1	I	CK27	M26	O	R8	W2	—	NC	B24	O	MON6	AD13	I/O	SDRAMD28	D4	—	NC	H23	—	NC
N1	—	Vcc	L26	O	R5	Y2	—	NC	B23	O	MON4	AD14	I/O	SDRAMD31	E4	—	NC	G23	—	NC
P1	—	Vcc	K26	O	R2	AA2	—	NC	B22	O	MON2	AD15	O	SDRAMA2	F4	—	NC	F23	—	Vcc
R1	I	CK74	J26	O	G9	AB2	—	NC	B21	O	MON0	AD16	O	SDRAMA5	G4	—	NC	E23	—	NC
T1	I	C0	H26	O	G8	AC2	—	NC	B20	I	SYIO7	AD17	O	SDRAMA8	H4	—	NC	D23	—	NC
U1	I	C1	G26	O	G5	AD2	—	NC	B19	I	SYIO6	AD18	O	SDRAMA11	J4	—	NC	D22	—	NC
V1	I	C2	F26	O	G2	AE2	I/O	VPD	B18	I	SYIO5	AD19	O	SDRAM RAS	K4	—	NC	D21	—	NC
W1	I	C3	E26	O	B9	AE3	—	NC	B17	I	SYIO4	AD20	O	SDRAM WE	L4	—	Vcc	D20	—	NC
Y1	I	C4	D26	O	B6	AE4	I/O	SDRAMD1	B16	I	SID2	AD21	O	SDRAM MSK0	M4	—	NC	D19	—	NC
AA1	I	C5	C26	O	B3	AE5	I/O	SDRAMD3	B15	I	SID1	AD22	O	SDRAM MSK3	N4	—	Vcc	D18	—	NC
AB1	I	C6	B26	O	B0	AE6	I/O	SDRAMD6	B14	I	SID0	AD23	—	NC	P4	—	Vcc	D17	—	GND
AC1	I	C7	A26	—	GND	AE7	I/O	SDRAMD9	B13	—	NC	AD24	—	NC	R4	—	NC	D16	—	Vcc
AD1	I	C8	A25	O	MON9	AE8	I/O	SDRAMD12	B12	—	NC	AC24	—	NC	T4	—	NC	D15	—	NC
AE1	I	C9	A24	O	MON7	AE9	I/O	SDRAMD15	B11	I	SDI3	AB24	—	NC	U4	—	NC	D14	—	NC
AF1	—	GND	A23	O	MON5	AE10	I/O	SDRAMD18	B10	—	NC	AA24	O	TSDO2	V4	—	NC	D13	O	SDO1
AF2	—	NC	A22	O	MON3	AE11	I/O	SDRAMD21	B9	—	NC	Y24	—	NC	W4	I	TSDI2	D12	—	NC
AF3	—	Vcc	A21	O	MON1	AE12	I/O	SDRAMD24	B8	—	NC	W24	—	NC	Y4	—	NC	D11	—	NC
AF4	I/O	SDRAMD0	A20	I	SYIO3	AE13	I/O	SDRAMD27	B7	—	NC	V24	O	SDO3	AA4	—	NC	D10	—	NC
AF5	I/O	SDRAMD2	A19	I	SYIO2	AE14	I/O	SDRAMD30	B6	—	NC	U24	—	NC	AB4	—	NC	D9	—	NC
AF6	I/O	SDRAMD5	A18	I	SYIO1	AE15	O	SDRAMA1	B5	—	NC	T24	—	NC	AC4	—	NC	D8	—	NC
AF7	I/O	SDRAMD8	A17	I	SYIO0	AE16	O	SDRAMA4	B4	—	NC	R24	—	NC	AC5	—	NC	D7	—	NC
AF8	I/O	SDRAMD11	A16	I	STAT1	AE17	O	SDRAMA7	B3	—	NC	P24	O	TSDO3	AC6	—	NC	D6	—	NC
AF9	I/O	SDRAMD14	A15	I	STAT0	AE18	O	SDRAMA10	C3	—	NC	N24	—	NC	AC7	—	NC	D5	—	NC
AF10	I/O	SDRAMD17	A14	I	STRB	AE19	—	NC	D3	—	NC	M24	O	R6	AC8	—	NC	E5	—	GND
AF11	I/O	SDRAMD20	A13	I	SCONSEL	AE20	—	NC	E3	—	NC	L24	O	R3	AC9	—	NC	F5	—	Vcc
AF12	I/O	SDRAMD23	A12	I	SCL	AE21	O	SDRAM CKE	F3	—	NC	K24	O	R0	AC10	—	Vcc	G5	—	NC
AF13	I/O	SDRAMD26	A11	I	PCONSEL	AE22	O	SDRAM MSK2	G3	—	NC	J24	—	NC	AC11	—	Vcc	H5	—	GND
AF14	I/O	SDRAMD29	A10	I	CS	AE23	—	NC	H3	I	TSDI1	H24	O	G6	AC12	—	NC	J5	—	Vcc
AF15	O	SDRAMA0	A9	I	CLR SYS	AE24	—	NC	J3	—	NC	G24	O	G3	AC13	—	NC	K5	—	Vcc
AF16	O	SDRAMA3	A8	I	SD H	AE25	O	SUB8	K3	I	SDI1	F24	O	G0	AC14	—	NC	L5	—	GND
AF17	O	SDRAMA6	A7	I	SD F	AD25	O	SUB6	L3	O	OPCK27 TEST	E24	O	B7	AC15	—	NC	M5	—	Vcc
AF18	O	SDRAMA9	A6	I	HD H	AC25	O	SUB4	M3	I	SDI2	D24	O	B4	AC16	—	GND	N5	—	Vcc
AF19	O	SDRAMA12	A5	I	HD F	AB25	O	SUB2	N3	—	GND	C24	O	B1	AC17	—	Vcc	P5	—	NC
AF20	O	SDRAM CAS	A4	I	SDBKGD	AA25	O	SUB0	P3	—	GND	C23	I	TSDI3	AC18	—	NC	R5	—	Vcc
AF21	O	SDRAM CK	A3	I	SDCHAR	Y25	O	MAIN8	R3	—	NC	C22	—	NC	AC19	—	NC	T5	—	GND
AF22	O	SDRAM MSK1	A2	I	HDSKIN	W25	O	MAIN6	T3	O	OPCK74 TEST	C21	—	NC	AC20	—	NC	U5	—	Vcc
AF23	—	NC	B2	—	NC	V25	O	MAIN4	U3	—	NC	C20	—	NC	AC21	—	NC	V5	—	Vcc
AF24	—	NC	C2	—	NC	U25	O	MAIN2	V3	—	NC	C19	—	NC	AC22	—	NC	W5	—	GND
AF25	—	NC	D2	—	NC	T25	O	MAIN0	W3	—	NC	C18	I	TDI	AC23	—	NC	Y5	—	NC
AF26	—	GND	E2	—	NC	R25	O	OH	Y3	—	NC	C17	I	TMS	AB23	—	NC	AA5	—	Vcc
AE26	O	SUB9	F2	—	NC	P25	O	OV	AA3	—	NC	C16	I	TRST	AA23	O	SDO2	AB5	—	GND
AD26	O	SUB7	G2	—	NC	N25	O	OF	AB3	—	NC	C15	I	TCK	Y23	—	NC	AB6	—	Vcc

INPUTS

C0 - C9	: COLOR DIFFERENCE DATA BUS
CK27	: 27 MHz CLOCK
CK 27 SEL, CK 27 TEST	: TEST FOR INTERNAL VCO (54 MHz)
CK74	: 74.25 TO 61.875 MHz CLOCK
CK 74 SEL, CK 74 TEST	: TEST FOR INTERNAL VCO (74.25 MHz)
CLR SYS	: ASYNCHRONOUS SYSTEM RESET
CS	: CHIP SELECT
HD F	: EXTERNAL 1125 HD FIELD SIGNAL
HD H	: EXTERNAL 1125 HD HORIZONTAL BLANKING SIGNAL
HDSKIN	: HD SKIN SIGNAL
PCONSEL	: PARALLEL CONTROL SELECT
SCL	: SERIAL CLOCK
SCONSEL	: SERIAL CONTROL SELECT
SD H	: EXTERNAL 525 OR 625 HORIZONTAL SYNC
SD F	: EXTERNAL 525 OR 625 FIELD SYNC
SDA	: SERIAL DATA
SDBKGD	: SD BACKGROUND KEY SOURCE FOR MONITOR OUTPUT
SDCHAR	: SD CHARACTER KEY SOURCE FOR MONITOR OUTPUT
SDI1 - SDI3	: DEVICE ADDRESS
SID0 - SID2	: DEVICE ADDRESS
STAT0, STAT1	: BUS STATUS
STRB	: STROBE
SYIO0 - SYIO7	: MULTIPLEXED PARALLEL CONTROL
TCK	: BOUNDARY SCAN CLOCK
TDI	: BOUNDARY SCAN DATA
TMS	: BOUNDARY SCAN MODE SELECT
TRST	: BOUNDARY SCAN RESET
TSDI1 - TSDI3	: RAM SCAN
Y0 - Y9	: LUMINANCE DATA BUS

OUTPUTS

B0 - B9	: BLUE VIDEO DATA BUS
CK	: 27 OR 54 MHz OUTPUT CLOCK
G0 - G9	: GREEN VIDEO DATA BUS
MAIN0 - MAIN9	: MAIN MULTIPLEXED GBR/Y CbCr
MON0 - MON9	: MONITOR MULTIPLEXED GBR/Y CbCr
OF	: 525 OR 625 F SYNC
OH	: 525 OR 625 H SYNC
OPCK27 FB, OPCK27 TEST	: TEST FOR INTERNAL VCO (54 MHz)
OPCK74 FB, OPCK74 TEST	: TEST FOR INTERNAL VCO (74.25 MHz)
OV	: 525 OR 625 V SYNC
R0 - R9	: RED VIDEO DATA BUS
SDO1 - SDO3	: SCAN DATA
SDRAM CAS	: EXTERNAL SDRAM CAS CONTROL
SDRAM CK	: EXTERNAL SDRAM CLOCK
SDRAM CKE	: EXTERNAL SDRAM CLOCK ENABLE
SDRAM CS	: EXTERNAL SDRAM CHIP SELECT
SDRAM MSK0 - SDRAM MSK3	: EXTERNAL SDRAM INPUT MASK
SDRAM RAS	: EXTERNAL SDRAM RAS CONTROL
SDRAM WE	: EXTERNAL SDRAM WRITE ENABLE
SDRAMA0 - SDRAMA12	: EXTERNAL SDRAM ADDRESS BUS
SDSKIN	: SD SKIN SIGNAL
SUB0 - SUB9	: SUB MULTIPLEXED GBR/Y CbCr
TDO	: BOUNDARY SCAN DATA
TSDO1 - TSDO3	: RAM SCAN

INPUTS/OUTPUTS

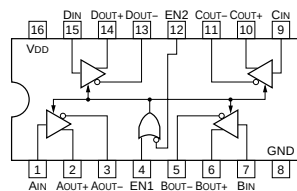
SDRAMD0 - SDRAMD31	: EXTERNAL SDRAM DATA BUS
VPD	: PENETRATION ELECTRIC CURRENT PREVENTION CELL

OTHER

NC	: NO CONNECTION
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DS90LV031ATMX (NS)**C-MOS QUAD DIFFERENTIAL LINE DRIVER**

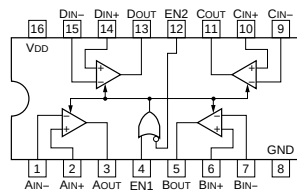
—TOP VIEW—



INPUTS			OUTPUTS		
EN2	EN1	IN	+	-	
1	0	x	HI-Z	HI-Z	0 : LOW LEVEL
ALL OTHER COMBINATIONS OF ENABLE INPUTS		L	L	H	1 : HIGH LEVEL
		L	H	L	x : DON'T CARE
		H	H	L	HI-Z : HIGH IMPEDANCE

DS90LV032ATMX (NS)**C-MOS QUAD DIFFERENTIAL LINE RECEIVER**

—TOP VIEW—

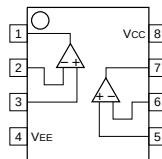


INPUTS		OUTPUTS	
EN2	EN1	IN+ - IN-	OUT
1	0	x	HI-Z
ALL OTHER COMBINATIONS OF ENABLE INPUTS		V _{id} ≥ 0.1V	1
		V _{id} ≤ -0.1V	0
		FULL FAILSAFE OPEN/SHORT OR TERMINATED	1

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE
HI-Z : HIGH IMPEDANCE

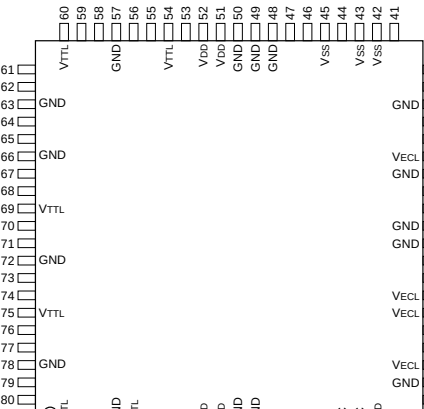
EL2244CS (ELANTEC)**EL2244CS-TE2****LM358PS (TI)****LM358PSR****NJM2904M (JRC)****NJM2904M(TE2)****DUAL OPERATIONAL AMPLIFIERS****(SINGLE-SUPPLY TYPE)**

—TOP VIEW—

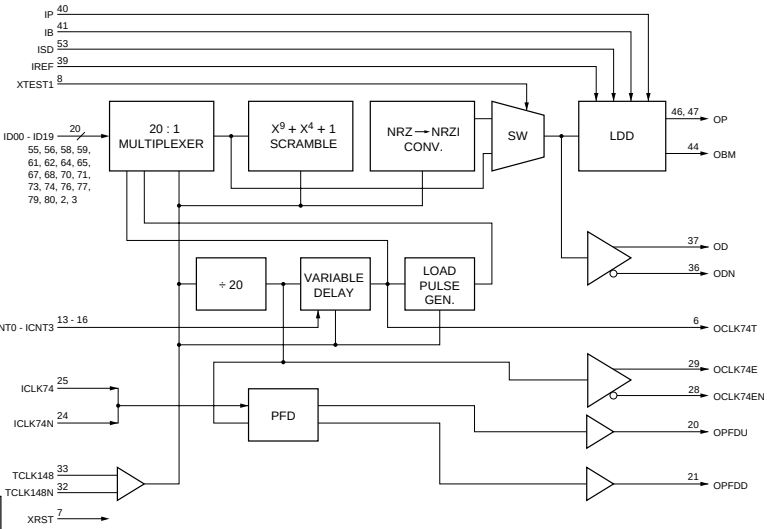


CXG8003Q (SONY)

1.5 Gbps TRANSMITTER
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VTTL	21	O	OPFDD	41	I	IB	61	I	ID04
2	I	ID18	22	—	GND	42	—	VSS	62	I	ID05
3	I	ID19	23	—	VECL	43	—	VSS	63	—	GND
4	—	GND	24	I	ICLK74N	44	O	OBM	64	I	ID06
5	—	VTTL	25	I	ICLK74	45	—	VSS	65	I	ID07
6	O	OCLK74T	26	—	VECL	46	O	OP	66	—	GND
7	I	XRST	27	—	VECL	47	O	OP	67	I	ID08
8	I	XTEST1	28	O	OCLK74EN	48	—	GND	68	I	ID09
9	—	VDD	29	O	OCLK74E	49	—	GND	69	—	VTTL
10	—	VDD	30	—	GND	50	—	GND	70	I	ID10
11	—	GND	31	—	GND	51	—	VDD	71	I	ID11
12	—	GND	32	I	TCLK148N	52	—	VDD	72	—	GND
13	I	ICNT0	33	I	TCLK148	53	I	ISD	73	I	ID12
14	I	ICNT1	34	—	GND	54	—	VTTL	74	I	ID13
15	I	ICNT2	35	—	VECL	55	I	ID00	75	—	VTTL
16	I	ICNT3	36	O	ODN	56	I	ID01	76	I	ID14
17	—	NC	37	O	OD	57	—	GND	77	I	ID15
18	—	NC	38	—	GND	58	I	ID02	78	—	GND
19	—	VDD	39	I	IREF	59	I	ID03	79	I	ID16
20	O	OPFDD	40	I	IP	60	—	VTTL	80	I	ID17



INPUTS

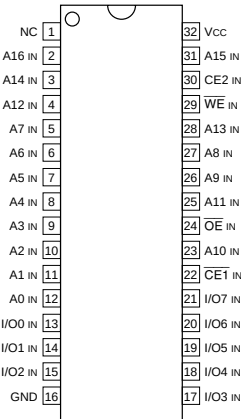
- IB : LD DRIVER BIAS CURRENT CONTROL
- ICLK74 : PLL REFERENCE CLOCK (74.25 MHz)
- ICLK74N : INVERTED PLL REFERENCE CLOCK (74.25 MHz)
- ICNT0 - ICNT3 : PARALLEL CLOCK DELAY CONTROL
- ID00 - ID19 : 20 BITS PARALLEL SIGNAL
- IP : LD DRIVER PEAK CURRENT CONTROL
- IREF : LD DRIVER DUTY CONTROL
- ISD : LD DRIVER OUTPUT CONTROL
- TCLK148 : EXTERNAL CLOCK (1.485 GHz)
- TCLK148N : INVERTED EXTERNAL CLOCK (1.485 GHz)
- XRST : RESET
- XTEST1 : SCRAMBLE/NRZ TO NRZI CONVERSION CONTROL

OUTPUTS

- OBM : LD DRIVER BIAS CURRENT MONITOR
- OCLK74E : 74.25 MHz PARALLEL CLOCK (ECL LEVEL)
- OCLK74EN : INVERTED 74.25 MHz PARALLEL CLOCK (ECL LEVEL)
- OCLK74T : 74.25 MHz PARALLEL CLOCK (LVTTL LEVEL)
- OD : 1.485 Gbps SERIAL DATA
- ODN : INVERTED 1.485 Gbps SERIAL DATA
- OP : LD DRIVER PEAK CURRENT
- OPFDD : LOWER SIDE OF THE PHASE COMPARATOR (PFD)
- OPFDD : UPPER SIDE OF THE PHASE COMPARATOR (PFD)

CY62128-70SC-T2 (CYPRESS)

1M (128Kx8)-BIT SRAM
—TOP VIEW—



INPUTS

- A0 - A16 : ADDRESS
- CE1, CE2 : CHIP ENABLE
- OE : OUTPUT ENABLE
- WE : WRITE ENABLE

INPUTS/OUTPUTS

- I/O0 - I/O7 : DATA

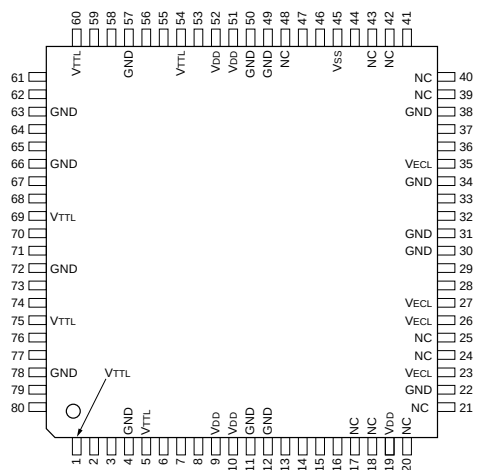
OTHER

- NC : NO CONNECTION

CXG8004Q (SONY)

1.5 Gbps RECEIVER

—TOP VIEW—



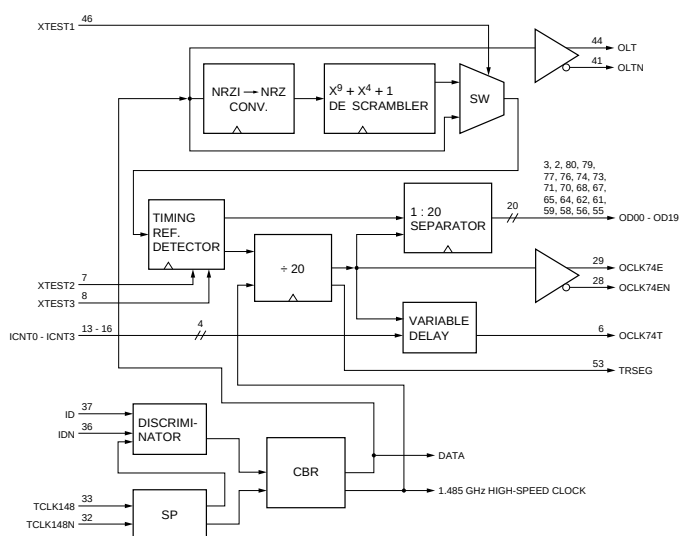
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VTTL	21	—	NC	41	O	OLTN	61	O	OD15
2	O	OD01	22	—	GND	42	—	NC	62	O	OD14
3	O	OD00	23	—	VECL	43	—	NC	63	—	GND
4	—	GND	24	—	NC	44	O	OLT	64	O	OD13
5	—	VTTL	25	—	NC	45	—	VSS	65	O	OD12
6	O	OCLK74T	26	—	VECL	46	I	XTEST1	66	—	GND
7	I	XTEST2	27	—	VECL	47	I	XRST	67	O	OD11
8	I	XTEST3	28	O	OCLK74EN	48	—	NC	68	O	OD10
9	—	VDD	29	O	OCLK74E	49	—	GND	69	—	VTTL
10	—	VDD	30	—	GND	50	—	GND	70	O	OD09
11	—	GND	31	—	GND	51	—	VDD	71	O	OD08
12	—	GND	32	I	TCLK148N	52	—	VDD	72	—	GND
13	I	ICNT0	33	I	TCLK148	53	O	TRSFSG	73	O	OD07
14	I	ICNT1	34	—	GND	54	—	VTTL	74	O	OD06
15	I	ICNT2	35	—	VECL	55	O	OD19	75	—	VTTL
16	I	ICNT3	36	I	IDN	56	O	OD18	76	O	OD05
17	—	NC	37	I	ID	57	—	GND	77	O	OD04
18	—	NC	38	—	GND	58	O	OD17	78	—	GND
19	—	VDD	39	—	NC	59	O	OD16	79	O	OD03
20	—	NC	40	—	NC	60	—	VTTL	80	O	OD02

INPUTS

ICNT0 - ICNT3 : PARALLEL CLOCK DELAY CONTROL
 ID : 1.485 Gbps SERIAL DATA
 IDN : INVERTED 1.485 Gbps SERIAL DATA
 TCLK148 : EXTERNAL CLOCK (1.485 GHz)
 TCLK148N : INVERTED EXTERNAL CLOCK (1.485 GHz)
 XRST : RESET
 XTEST1 : NRZI → NRZ CONVERSION AND DESCRAMBLER CONTROL
 XTEST2 : TRS DETECTOR CONTROL
 XTEST3 : CH/YH FLAG DETECTOR CONTROL

OUTPUTS

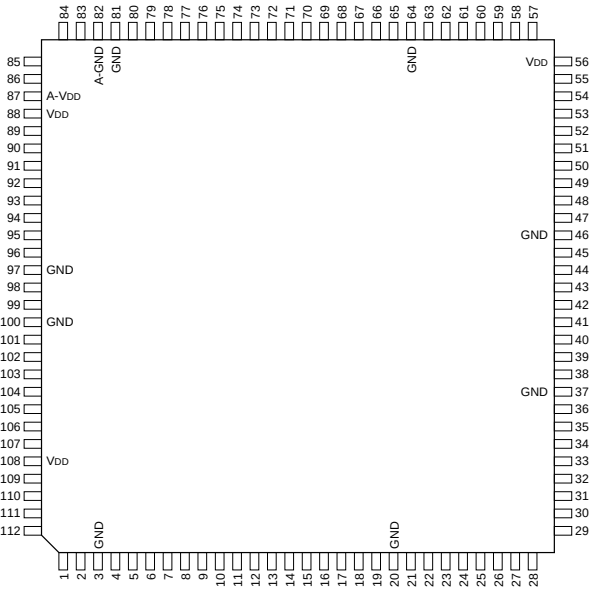
OD00 - OD19 : 20 BITS PARALLEL SIGNAL
 OCLK74E : 74.25 MHz PARALLEL CLOCK (ECL LEVEL)
 OCLK74EN : INVERTED 74.25 MHz PARALLEL CLOCK (ECL LEVEL)
 OCLK74T : 4.25 MHz PARALLEL CLOCK (LVTTL LEVEL)
 OLT : RETIMING DATA OF DISCRIMINATOR
 OLTN : INVERTED DATA OF DISCRIMINATOR
 TRSFSG : TRS DETECTOR



HD6415108RF10 (HITACHI)

C-MOS 16-BIT MICROCOMPUTER UNIT

—TOP VIEW—



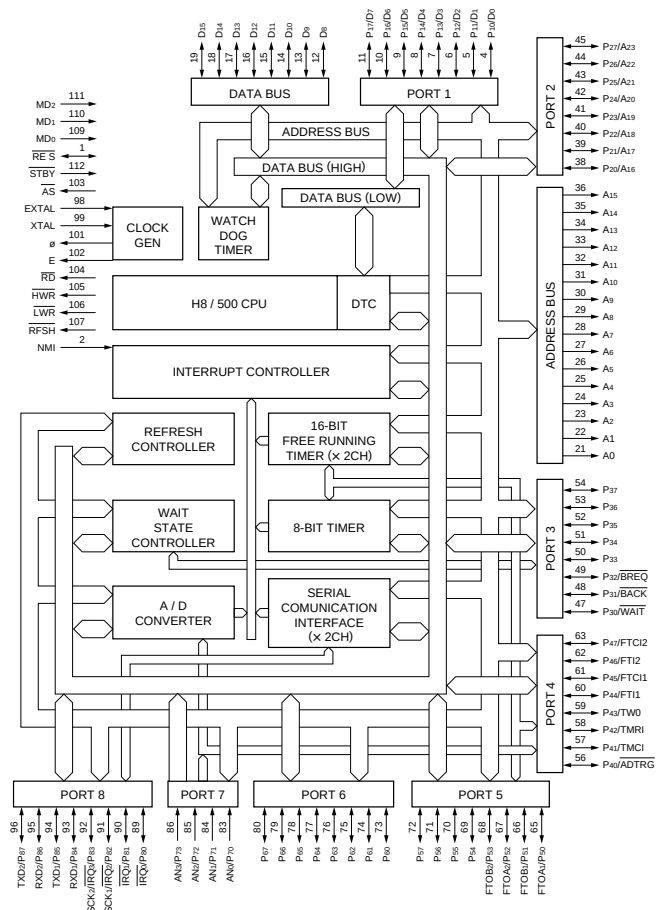
PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
41	I/O	P23	I/O	P23	O	A19	O	A19
42	I/O	P24	I/O	P24	O	A20	O	A20
43	I/O	P25	I/O	P25	O	A21	O	A21
44	I/O	P26	I/O	P26	O	A22	O	A22
45	I/O	P27	I/O	P27	O	A23	O	A23
46	—	GND	—	GND	—	GND	—	GND
47	I/O	P30 / WAIT	I/O	P30 / WAIT	I/O	P30 / WAIT	I/O	P30 / WAIT
48	I/O	P31 / BACK	I/O	P31 / BACK	I/O	P31 / BACK	I/O	P31 / BACK
49	I/O	P32 / BREQ	I/O	P32 / BREQ	I/O	P32 / BREQ	I/O	P32 / BREQ
50	I/O	P33	I/O	P33	I/O	P33	I/O	P33
51	I/O	P34	I/O	P34	I/O	P34	I/O	P34
52	I/O	P35	I/O	P35	I/O	P35	I/O	P35
53	I/O	P36	I/O	P36	I/O	P36	I/O	P36
54	I/O	P37	I/O	P37	I/O	P37	I/O	P37
55	—	Vdd	—	Vdd	—	Vdd	—	Vdd
56	I/O	P40 / ADTRG	I/O	P40 / ADTRG	I/O	P40 / ADTRG	I/O	P40 / ADTRG
57	I/O	P41 / TMC1	I/O	P41 / TMC1	I/O	P41 / TMC1	I/O	P41 / TMC1
58	I/O	P42 / TMR1	I/O	P42 / TMR1	I/O	P42 / TMR1	I/O	P42 / TMR1
59	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO
60	I/O	P44 / FT11	I/O	P44 / FT11	I/O	P44 / FT11	I/O	P44 / FT11
61	I/O	P45 / FTC11	I/O	P45 / FTC11	I/O	P45 / FTC11	I/O	P45 / FTC11
62	I/O	P46 / FT12	I/O	P46 / FT12	I/O	P46 / FT12	I/O	P46 / FT12
63	I/O	P47 / FTC12	I/O	P47 / FTC12	I/O	P47 / FTC12	I/O	P47 / FTC12
64	—	GND	—	GND	—	GND	—	GND
65	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1
66	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1
67	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2
68	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2
69	I/O	P54	I/O	P54	I/O	P54	I/O	P54
70	I/O	P55	I/O	P55	I/O	P55	I/O	P55
71	I/O	P56	I/O	P56	I/O	P56	I/O	P56
72	I/O	P57	I/O	P57	I/O	P57	I/O	P57
73	I/O	P60	I/O	P60	I/O	P60	I/O	P60
74	I/O	P61	I/O	P61	I/O	P61	I/O	P61
75	I/O	P62	I/O	P62	I/O	P62	I/O	P62
76	I/O	P63	I/O	P63	I/O	P63	I/O	P63
77	I/O	P64	I/O	P64	I/O	P64	I/O	P64
78	I/O	P65	I/O	P65	I/O	P65	I/O	P65
79	I/O	P66	I/O	P66	I/O	P66	I/O	P66
80	I/O	P67	I/O	P67	I/O	P67	I/O	P67

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
1	I/O	RES	I/O	RES	I/O	RES	I/O	RES
2	I	NMI	I	NMI	I	NMI	I	NMI
3	—	GND	—	GND	—	GND	—	GND
4	I/O	P10	I/O	D0	I/O	P10	I/O	D0
5	I/O	P11	I/O	D1	I/O	P11	I/O	D1
6	I/O	P12	I/O	D2	I/O	P12	I/O	D2
7	I/O	P13	I/O	D3	I/O	P13	I/O	D3
8	I/O	P14	I/O	D4	I/O	P14	I/O	D4
9	I/O	P15	I/O	D5	I/O	P15	I/O	D5
10	I/O	P16	I/O	D6	I/O	P16	I/O	D6
11	I/O	P17	I/O	D7	I/O	P17	I/O	D7
12	I/O	D8	I/O	D8	I/O	D8	I/O	D8
13	I/O	D9	I/O	D9	I/O	D9	I/O	D9
14	I/O	D10	I/O	D10	I/O	D10	I/O	D10
15	I/O	D11	I/O	D11	I/O	D11	I/O	D11
16	I/O	D12	I/O	D12	I/O	D12	I/O	D12
17	I/O	D13	I/O	D13	I/O	D13	I/O	D13
18	I/O	D14	I/O	D14	I/O	D14	I/O	D14
19	I/O	D15	I/O	D15	I/O	D15	I/O	D15
20	—	GND	—	GND	—	GND	—	GND
21	O	A0	O	A0	O	A0	O	A0
22	O	A1	O	A1	O	A1	O	A1
23	O	A2	O	A2	O	A2	O	A2
24	O	A3	O	A3	O	A3	O	A3
25	O	A4	O	A4	O	A4	O	A4
26	O	A5	O	A5	O	A5	O	A5
27	O	A6	O	A6	O	A6	O	A6
28	O	A7	O	A7	O	A7	O	A7
29	O	A8	O	A8	O	A8	O	A8
30	O	A9	O	A9	O	A9	O	A9
31	O	A10	O	A10	O	A10	O	A10
32	O	A11	O	A11	O	A11	O	A11
33	O	A12	O	A12	O	A12	O	A12
34	O	A13	O	A13	O	A13	O	A13
35	O	A14	O	A14	O	A14	O	A14
36	O	A15	O	A15	O	A15	O	A15
37	—	GND	—	GND	—	GND	—	GND
38	I/O	P20	I/O	P20	O	A16	O	P20
39	I/O	P21	I/O	P21	O	A17	O	P21
40	I/O	P22	I/O	P22	O	A18	O	P22

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
81	—	GND	—	GND	—	GND	—	GND
82	—	A-GND	—	A-GND	—	A-GND	—	A-GND
83	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0
84	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1
85	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2
86	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3
87	—	A-Vdd	—	A-Vdd	—	A-Vdd	—	A-Vdd
88	—	Vdd	—	Vdd	—	Vdd	—	Vdd
89	I/O	P80 / IRQ0	I/O	P80 / IRQ0	I/O	P80 / IRQ0	I/O	P80 / IRQ0
90	I/O	P81 / IRQ1	I/O	P81 / IRQ1	I/O	P81 / IRQ1	I/O	P81 / IRQ1
91	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1
92	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2
93	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1
94	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1
95	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2
96	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2
97	—	GND	—	GND	—	GND	—	GND
98	I	EXTAL	I	EXTAL	I	EXTAL	I	EXTAL
99	I	XTAL	I	XTAL	I	XTAL	I	XTAL
100	—	GND	—	GND	—	GND	—	GND
101	O	ø	O	ø	O	ø	O	ø
102	O	E	O	E	O	E	O	E
103	O	AS	O	AS	O	AS	O	AS
104	O	RD	O	RD	O	RD	O	RD
105	O	HWR	O	HWR	O	HWR	O	HWR
106	O	LWR	O	LWR	O	LWR	O	LWR
107	O	RFSH	O	RFSH	O	RFSH	O	RFSH
108	—	Vdd	—	Vdd	—	Vdd	—	Vdd
109	I	MD0	I	MD0	I	MD0	I	MD0
110	I	MD1	I	MD1	I	MD1	I	MD1
111	I	MD2	I	MD2	I	MD2	I	MD2
112	I	STBY	I	STBY	I	STBY	I	STBY

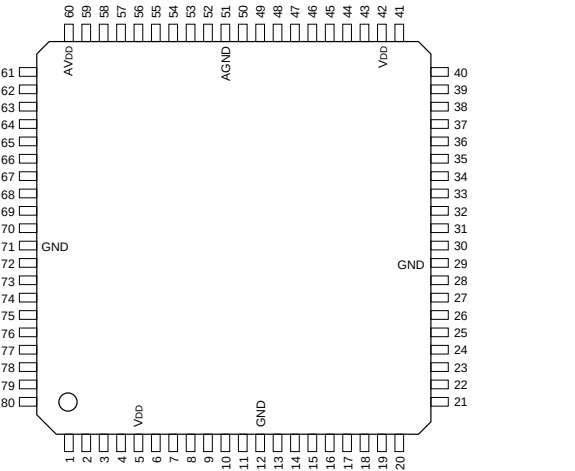
12	D8	WATT/P30	47	INPUT	
13	D9	BACK/P31	48	ADTRG	: EXTERNAL TRIGGER
14	D10	BREQ/P32	49	AN0 - AN3	: ANALOG
15	D11		50	BREQ	: BUS RIGHT REQUEST
16	D12	P33	51	EXTAL	: CRYSTAL OSCILLATOR
17	D13	P34	52	FTI1, FTI2	: FREE RUNNING TIMER INPUT CAPTURE (CH1, CH2)
18	D14	P36	53	FTCI1, FTCI2	: FREE RUNNING TIMER COUNTER CLOCK (CH1, CH2)
19	D15	P37	54		
4	P10/D0	ADTRG/P40	56	IRQ0 - IRQ3	: INTERRUPT REQUEST
5	P11/D1	TMCI/P41	57	MD0 - MD2	: MODE SET UP
6	P12/D2	TMRI/P42	58	NMI	: NON-MASKABLE INTERRUPT
7	P13/D3	TMO/P43	59	P70 - P73	: PORT 7
8	P14/D4	FTI1/P44	60	RXD1, RXD2	: RECEIVE DATA (CH1, CH2)
9	P15/D5	FTCI1/P45	61	STBY	: STANDBY
10	P16/D6	FTI2/P46	62	TMCI	: 8-BIT TIMER CLOCK
11	P17/D7	FTCI2/P47	63	TMRI	: 8-BIT TIMER COUNTER RESET
38	P20/A16	FTOA1/P50	65	WAIT	: WAIT
39	P21/A17	FTOB1/P51	66	XTAL	: CRYSTAL OSCILLATOR
40	P22/A18	FTOA2/P52	67		
41	P23/A19	FTOB2/P53	68	OUTPUT	
42	P24/A20		69	A0 - A23	: ADDRESS BUS
43	P25/A21		70	AS	: ADDRESS STROBE
44	P26/A22		71	BACK	: BUS RIGHT REQUEST ACKNOWLEDGE
45	P27/A23		72	E	: ENABLE CLOCK
21	A0		73	FTOA1, FTOA2	: FREE RUNNING TIMER OUTPUT COMPARE A (CH1, CH2)
22	A1		74	FTOB1, FTOB2	: FREE RUNNING TIMER OUTPUT COMPARE B (CH1, CH2)
23	A2		75	HWR	: HIGH WRITE
24	A3		76	LWR	: LOW WRITE
25	A4		77	RD	: READ
26	A5		78	RFSH	: REFRESH CYCLE
27	A6		79	TMO	: 8-BIT TIMER
28	A7		80	TXD1, TXD2	: TRANSMISSION DATA (CH1, CH2)
29	A8		81	ø	: SYSTEM CLOCK
30	A9		82		
31	A10	AN0/P70	83	INPUT/OUTPUT	
32	A11	AN1/P71	84	D0 - D15	: DATA BUS
33	A12	AN2/P72	85	P10 - P17	: PORT 1
34	A13	AN3/P73	86	P20 - P27	: PORT 2
35	A14		87	P30 - P37	: PORT 3
36	A15		88	P40 - P47	: PORT 4
109	MD0	IRQ0/P80	89	P50 - P57	: PORT 5
110	MD1	IRQ1/P81	90	P60 - P67	: PORT 6
111	MD2	IRQ2/P82	91	P80 - P87	: PORT 8
98	EXTAL	SCK1/IRQ3/P83	92	RES	: RESET
99	XTAL	RXD1/P84	93	SCK1, SCK2	: SERIAL CLOCK (CH1, CH2)
101	ø	TXD1/P85	94		
102	ø	RXD2/P86	95		
	ø	TXD2/P87	96		

MD2	MD1	MD0	OPERATION MODE	CONTENTS
0	0	1	MODE 1	EXTENSION MINIMUM MODE (8BIT BUS)
0	1	0	MODE 2	EXTENSION MINIMUM MODE (16BIT BUS)
0	1	1	MODE 3	EXTENSION MAXIMUM MODE (8BIT BUS)
1	0	0	MODE 4	EXTENSION MAXIMUM MODE (16BIT BUS)
1	0	1	MODE 5	SINGLE CHIP MODE
1	1	0	MODE 6	
1	1	1	MODE 7	



HD6435328RE49F
HD6475328F10 (HITACHI)

C-MOS 16-BIT MICROPROCESSOR
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P21/R/W	28	I/O	P47/A7	55	I/O	P83/AN3
2	I/O	P22/D5	29	—	GND	56	I/O	P84/AN4
3	I/O	P23/RD	30	I/O	P50/A8	57	I/O	P85/AN5
4	I/O	P24/WR	31	I/O	P51/A9	58	I/O	P86/AN6
5	—	VDD	32	I/O	P52/A10	59	I/O	P87/AN7
6	I	MD0	33	I/O	P53/A11	60	—	AVDD
7	I	MD1	34	I/O	P54/A12	61	I/O	P90/FTOA2
8	I	MD2	35	I/O	P55/A13	62	I/O	P91/FTOA3
9	I	STBY	36	I/O	P56/A14	63	I/O	P92/PW1
10	I	RES	37	I/O	P57/A15	64	I/O	P93/PW2
11	I	NMI	38	I/O	P60/A16	65	I/O	P94/PW3
12	—	GND	39	I/O	P61/A17	66	I/O	P95/TXD
13	I/O	P30/D0	40	I/O	P62/A18	67	I/O	P96/RXD
14	I/O	P31/D1	41	I/O	P63/A19	68	I/O	P97/SCK
15	I/O	P32/D2	42	—	VDD	69	I	EXTAL
16	I/O	P33/D3	43	I/O	P70/TMCI	70	I	XTAL
17	I/O	P34/D4	44	I/O	P71/FTI1	71	—	VSS
18	I/O	P35/D5	45	I/O	P72/FTI2	72	I/O	P10/θ
19	I/O	P36/D6	46	I/O	P73/FTI3/TMRI	73	I/O	P11/E
20	I/O	P37/D7	47	I/O	P74/FTOB1/FTCI1	74	I/O	P12/BACK
21	I/O	P40/A0	48	I/O	P75/FTOB2/FTCI2	75	I/O	P12/BREQ
22	I/O	P41/A1	49	I/O	P76/FTOB3/FTCI3	76	I/O	P12/WAIT
23	I/O	P42/A2	50	O	P77/FTOA1	77	I/O	P12/IRQ0
24	I/O	P43/A3	51	—	AGND	78	I/O	P12/IRQ1
25	I/O	P44/A4	52	I/O	P80/AN0	79	I/O	P12/TMO
26	I/O	P45/A5	53	I/O	P81/AN1	80	I/O	P12/AS
27	I/O	P46/A6	54	I/O	P82/AN2			

INPUT

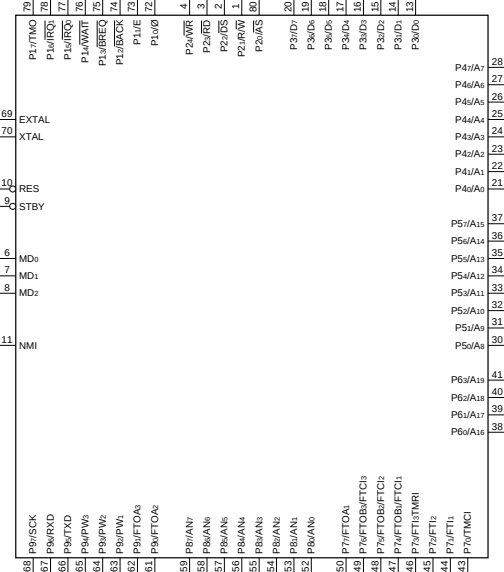
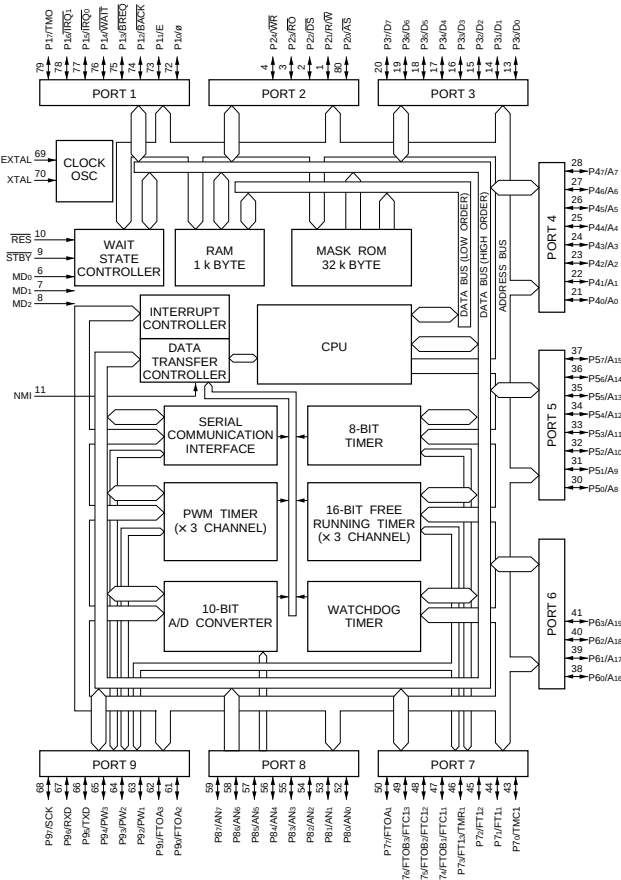
AN0 - AN7 : ANALOG INPUT
BREQ : BUS REQUEST
EXTAL : CONNECTED TO CRYSTAL OSCILLATOR.
ETC11 - FTCI3 : FRT COUNTER CLOCK INPUT (CHANNEL 1 TO 3)
FTI1 - FTI3 : FRT INPUT CAPTURE INPUT (CHANNEL 1 TO 3)
IRQ0, 1 : INTERRUPTION REQUEST 0 AND 1
MD0 - MD2 : MODE SETTING
NMI : NON MASKABLE INTERRUPTION
P80 - P87 : PORT 8
RES : RESET
RXD : RECEIVE DATA
STBY : STANDBY
TMCI : 8-BIT TIMER CLOCK INPUT
TMRI : 8-BIT TIMER COUNTER RESET INPUT
WAIT : WAIT
XTAL : CONNECTED TO CRYSTAL OSCILLATOR.

OUTPUT

A0 - A19 : ADDRESS BUS
AS : ADDRESS STROBE
BACK : BUS REQUEST ACKNOWLEDGE
DS : DATA STROBE
E : ENABLE CLOCK
FTOA1 - FTOA3 : FRT OUTPUT COMPARE A OUTPUT (CHANNEL 1 TO 3)
FTOB1 - FTOB3 : FRT OUTPUT COMPARE B OUTPUT (CHANNEL 1 TO 3)
PW1 - PW3 : PWM TIMER OUTPUT (CHANNEL 1 TO 3)
R/W : READ/WRITE
RD : READ
TMO : 8-BIT TIMER OUTPUT
TXD : SEND DATA
WR : WRITE
θ : SYSTEM CLOCK

INPUT/OUTPUT

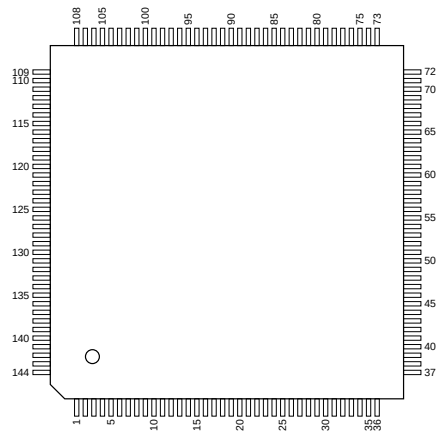
D0 - D7 : DATA BUS
P10 - P17 : PORT 1
P20 - P24 : PORT 2
P30 - P37 : PORT 3
P40 - P47 : PORT 4
P50 - P57 : PORT 5
P60 - P63 : PORT 6
P70 - P77 : PORT 7
P80 - P97 : PORT 9
SCK : SERIAL CLOCK INPUT/OUTPUT



HD64F7045F28 (HITACHI)

32-BIT MICROCOMPUTER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	PA23/WRHH	49	I/O	PA11/CS1	97	I	MD2
2	I/O	PE14/TIOC4C/DACK0/AH	50	I/O	PA10/CS0	98	I	NMI
3	I/O	PA22/WRHL	51	I/O	PA9/TCLKD/IRQ3	99	—	Vcc
4	I/O	PA21/CASHH	52	I/O	PA8/TCLKC/IRQ2	100	I/O	PA16/AH
5	I/O	PE15/TIOC4D/DACK1/IRQOUT	53	I/O	PA7/TCLKB/CS3	101	I/O	PA17/WAIT
6	—	GND	54	I/O	PA6/TCLKA/CS2	102	I	MD1
7	I/O	PC0/A0	55	—	GND	103	I	MD0
8	I/O	PC1/A1	56	I/O	PD29/D29/CS3	104	—	PLLVcc
9	I/O	PC2/A2	57	I/O	PD28/D28/CS2	105	—	PLLCAP
10	I/O	PC3/A3	58	I/O	PD27/D27/DACK1	106	—	PLLGND
11	I/O	PC4/A4	59	I/O	PD26/D26/DACK0	107	I/O	PA15/CK
12	—	Vcc	60	I/O	PD25/D25/DREQ1	108	I	RES
13	I/O	PC5/A5	61	—	GND	109	I/O	PE0/TIOC0A/DREQ0
14	—	GND	62	I/O	PD24/D24/DREQ0	110	I/O	PE1/TIOC0B/DRAK0
15	I/O	PC6/A6	63	—	Vcc	111	I/O	PE2/TIOC0C/DREQ1
16	I/O	PC7/A7	64	I/O	PD23/D23/IRQ7	112	—	Vcc
17	I/O	PC8/A8	65	I/O	PD22/D22/IRQ6	113	I/O	PE3/TIOC0D/DRAK1
18	I/O	PC9/A9	66	I/O	PD21/D21/IRQ5	114	I/O	PE4/TIOC1A
19	I/O	PC10/A10	67	I/O	PD20/D20/IRQ4	115	I/O	PE5/TIOC1B
20	I/O	PC11/A11	68	I/O	PD19/D19/IRQ3	116	I/O	PE6/TIOC2A
21	I/O	PC12/A12	69	I/O	PD18/D18/IRQ2	117	—	GND
22	I/O	PC13/A13	70	I/O	PD17/D17/IRQ1	118	I	PF0/AN0
23	I/O	PC14/A14	71	—	GND	119	I	PF1/AN1
24	I/O	PC15/A15	72	I/O	PD16/D16/IRQ0	120	I	PF2/AN2
25	I/O	PB0/A16	73	I/O	PD15/D15	121	I	PF3/AN3
26	—	Vcc	74	I/O	PD14/D14	122	I	PF4/AN4
27	I/O	PB1/A17	75	I/O	PD13/D13	123	I	PF5/AN5
28	—	GND	76	I/O	PD12/D12	124	—	AGND
29	I/O	PA20/CASHL	77	—	Vcc	125	I	PF6/AN6
30	I/O	PA19/BACK/DRAK1	78	I/O	PD11/D11	126	I	PF7/AN7
31	I/O	PB2/IRQ0/POE0/RAS	79	—	GND	127	—	AVRef
32	I/O	PB3/IRQ1/POE1/CASL	80	I/O	PD10/D10	128	—	AVcc
33	I/O	PA18/BREQ/DRAK0	81	I/O	PD9/D9	129	—	GND
34	I/O	PB4/IRQ2/POE2/CASH	82	I/O	PD8/D8	130	I/O	PA0/RXD0
35	—	GND	83	I/O	PD7/D7	131	I/O	PA1/TXD0
36	I/O	PB5/IRQ3/POE3/RDWR	84	I/O	PD6/D6	132	I/O	PA2/SCK0/DREQ0/IRQ0
37	I/O	PB6/IRQ4/A18/BACK	85	—	Vcc	133	I/O	PA3/RXD1
38	I/O	PB7/IRQ5/A19/BREQ	86	I/O	PD5/D5	134	I/O	PA4/TXD1
39	I/O	PB8/IRQ6/A20/WAIT	87	—	GND	135	—	Vcc
40	—	Vcc	88	I/O	PD4/D4	136	I/O	PA5/SCK1/DREQ1/IRQ1
41	I/O	PB9/IRQ7/A21/ADTRG	89	I/O	PD3/D3	137	I/O	PE7/TIOC2B
42	—	GND	90	I/O	PD2/D2	138	I/O	PE8/TIOC3A
43	—	PA14/RD	91	I/O	PD1/D1	139	I/O	PE9/TIOC3B
44	O	WDTOVF	92	I/O	PD0/D0	140	I/O	PE10/TIOC3C
45	I/O	PD31/D31/ADTRG	93	—	GND	141	—	GND
46	I/O	PD30/D30/IRQOUT	94	I	XTAL	142	I/O	PE11/TIOC3D
47	I/O	PA13/WRH	95	I	MD3	143	I/O	PE12/TIOC4A
48	I/O	PA12/WRL	96	I	EXTAL	144	I/O	PE13/TIOC4B/MRES

INPUTS

ADTRG	: A/D CONVERTER TRIGGER
AN0 - AN7	: ANALOG
BREQ	: BUS REQUEST
DREQ0, DREQ1	: DMA TRANSFER REQUEST
EXTAL	: CRYSTAL OSCILLATOR AND EXTERNAL CLOCK
FWP	: FLASH MEMORY WRITE DISABLE
IRQ0 - IRQ7	: INTERRUPT REQUEST
MD0 - MD3	: MODE SELECT
MRES	: MANUAL RESET
NMI	: NON-MASKABLE INTERRUPT
PF0 - PF7	: PORT F
POE0 - POE3	: PORT OUTPUT ENABLE
RES	: POWER ON RESET
RXD0, RXD1	: RECEIVE DATA
TCLKA - TCLKD	: MTU TIMER CLOCK
WAIT	: WAIT
XTAL	: EXTERNAL CRYSTAL OSCILLATOR

OUTPUTS

A0 - A21	: ADDRESS BUS
AH	: ADDRESS HOLD
BACK	: BUS REQUEST ACKNOWLEDGE
CASH	: HIGH COLUMN ADDRESS STROBE
CASHH	: HH COLUMN ADDRESS STROBE
CASHL	: HL COLUMN ADDRESS STROBE
CASL	: LOW COLUMN ADDRESS STROBE
CK	: SYSTEM CLOCK
CS0 - CS3	: CHIP SELECT
DACK0, DACK1	: DMA TRANSFER STROBE
DRAK0, DRAK1	: DREQ ACKNOWLEDGE
IRQOUT	: INTERRUPT REQUEST
RAS	: ROW ADDRESS STROBE
RD	: READ
RDWR	: DRAM READ/WRITE
TXD0, TXD1	: TRANSMIT DATA
WDTOVF	: WATCH-DOG TIMER OVERFLOW
WRH	: HIGH WRITE
WRHH	: HH WRITE
WRHL	: HL WRITE
WRL	: LOW WRITE

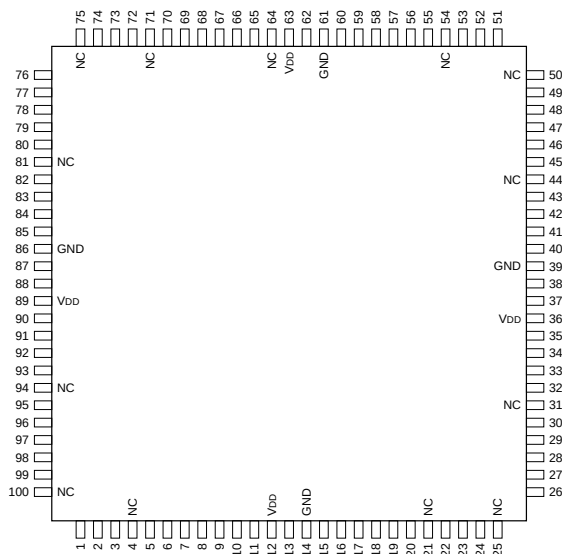
INPUTS/OUTPUTS

D0 - D31	: DATA BUS
PA0 - PA23	: PORT A
PB0 - PB9	: PORT B
PC0 - PC15	: PORT C
PD0 - PD31	: PORT D
PE0 - PE15	: PORT E
SCK0, SCK1	: SERIAL CLOCK
TIOC0A - TIOC0D	: MTU INPUT CAPTURE/OUTPUT COMPARE
TIOC1A, TIOC1B	: MTU INPUT CAPTURE/OUTPUT COMPARE
TIOC2A, TIOC2B	: MTU INPUT CAPTURE/OUTPUT COMPARE
TIOC3A - TIOC3D	: MTU INPUT CAPTURE/OUTPUT COMPARE
TIOC4A - TIOC4D	: MTU INPUT CAPTURE/OUTPUT COMPARE

ISPLSI2128V-80LT100 (LATTICE)

C-MOS HIGH DENSITY PROGRAMMABLE LOGIC

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	I/O57	26	I/O	I/O7	51	I/O	I/O25	76	I/O	I/O39
2	I/O	I/O58	27	I/O	I/O8	52	I/O	I/O26	77	I/O	I/O40
3	I/O	I/O59	28	I/O	I/O9	53	I/O	I/O27	78	I/O	I/O41
4	—	NC	29	I/O	I/O10	54	—	NC	79	I/O	I/O42
5	I/O	I/O60	30	I/O	I/O11	55	I/O	I/O28	80	I/O	I/O43
6	I/O	I/O61	31	—	NC	56	I/O	I/O29	81	—	NC
7	I/O	I/O62	32	I/O	I/O12	57	I/O	I/O30	82	I/O	I/O44
8	I/O	I/O63	33	I/O	I/O13	58	I/O	I/O31	83	I/O	I/O45
9	I	IN7	34	I/O	I/O14	59	I	TCK/IN3	84	I/O	I/O46
10	I	Y0	35	I/O	I/O15	60	I	Y2	85	I/O	I/O47
11	I	RESET	36	—	VDD	61	—	GND	86	—	GND
12	—	VDD	37	I	TMS/IN1	62	I	GOE0	87	I/O	TDO/IN2
13	I	GOE1	38	I	IN 6	63	—	VDD	88	I	IN5
14	—	GND	39	—	GND	64	—	NC	89	—	VDD
15	I	ISPEN	40	I/O	I/O16	65	I	Y1	90	I/O	I/O48
16	I	TDI/IN 0	41	I/O	I/O17	66	I	IN4	91	I/O	I/O49
17	I/O	I/O0	42	I/O	I/O18	67	I/O	I/O32	92	I/O	I/O50
18	I/O	I/O1	43	I/O	I/O19	68	I/O	I/O33	93	I/O	I/O51
19	I/O	I/O2	44	—	NC	69	I/O	I/O34	94	—	NC
20	I/O	I/O3	45	I/O	I/O20	70	I/O	I/O35	95	I/O	I/O52
21	—	NC	46	I/O	I/O21	71	—	NC	96	I/O	I/O53
22	I/O	I/O4	47	I/O	I/O22	72	I/O	I/O36	97	I/O	I/O54
23	I/O	I/O5	48	I/O	I/O23	73	I/O	I/O37	98	I/O	I/O55
24	I/O	I/O6	49	I/O	I/O24	74	I/O	I/O38	99	I/O	I/O56
25	—	NC	50	—	NC	75	—	NC	100	—	NC

INPUT

GOE0, GOE1 : GLOBAL OUTPUT ENABLE

IN0 - IN7 : DATA

ISPEN : IN-SYSTEM PROGRAMMING ENABLE

RESET : RESET

TCK : CLOCK

TDI : SERIAL DATA

TMS : MODE CONTROL

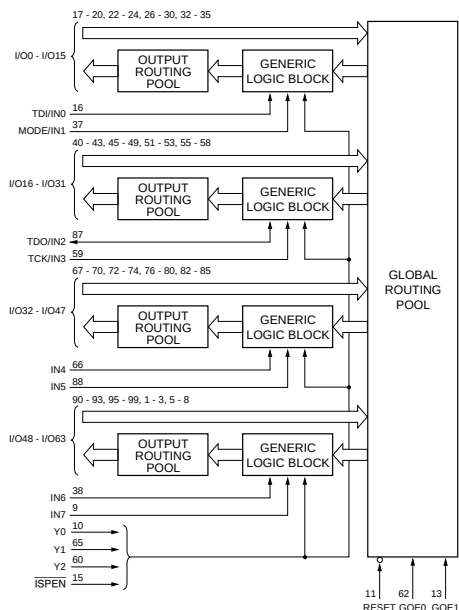
Y0 - Y2 : CLOCK

OUTPUT

TDO : SERIAL DATA

INPUT/OUTPUT

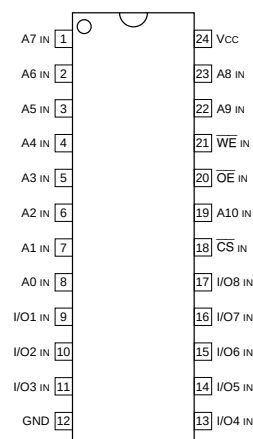
I/O0 - I/O63 : DATA



LH5116N4 (SHARP)

16K (2,048x8)-BIT SRAM

—TOP VIEW—

**INPUTS**

A0 - A10 : ADDRESS

CS : CHIP SELECT

OE : OUTPUT ENABLE

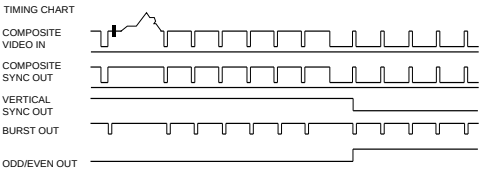
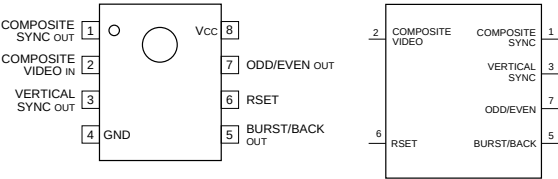
WE : WRITE ENABLE

INPUTS/OUTPUTS

I/O1 - I/O8 : DATA

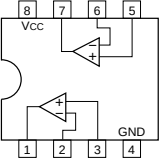
LM1881M (NS)
LM1881MX

VIDEO SYNC SEPARATOR
—TOP VIEW—



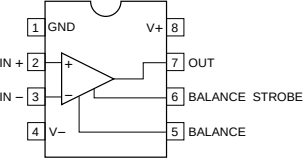
LM2903PS (TI)
LM2903PS-E05
NJM2903M (JRC)
NJM2903M-TE2

DUAL VOLTAGE COMPARATORS
—TOP VIEW—



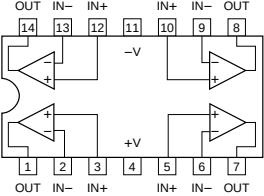
LM311M-FL63
LM311PS (TI)

VOLTAGE COMPARATOR WITH STROBE
—TOP VIEW—



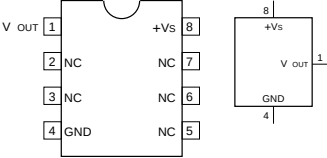
LM324NS (TI)
LM324NSR

QUAD OPERATIONAL AMPLIFIERS
—TOP VIEW—



LM35DM (NS)
LM35DMX

TEMPERATURE SENSOR
—TOP VIEW—



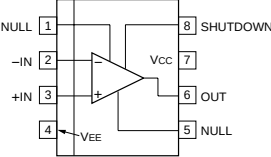
LM4040AIM3-2.5 (NS)

PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE
—TOP VIEW—



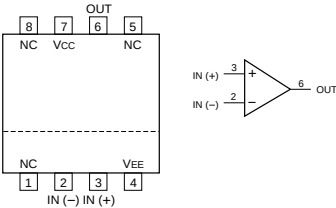
LT1227CS8 (LINEAR TECH)
LT1227CS8-E2

HIGH SPEED OPERATIONAL AMPLIFIER
—TOP VIEW—



LT1252CS8 (LINEAR TECH)
LT1252CS8-E2

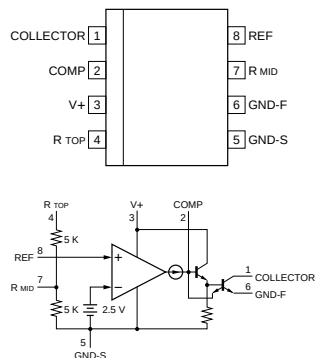
VIDEO AMPLIFIER
—TOP VIEW—



LT1431CS8 (LINEAR TECH)

PROGRAMMABLE REFERENCE

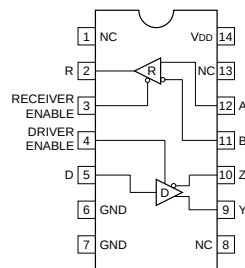
—TOP VIEW—



LTC491CS-E2 (LINEAR)

C-MOS DIFFERENTIAL DRIVER AND RECEIVER

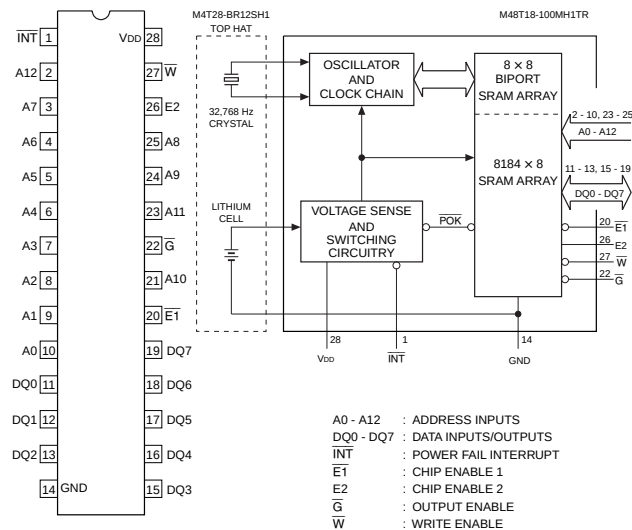
—TOP VIEW—



M48T18-100MH1TR (SGS)

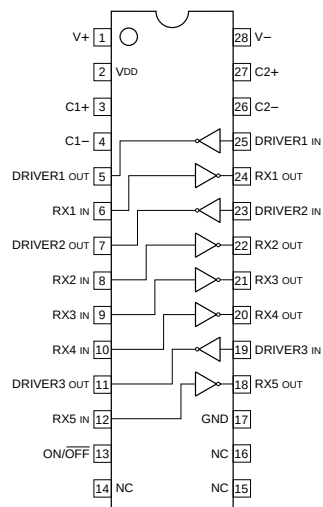
C-MOS 64 K (8,184 × 8)-BIT NON-VOLATILE SRAM AND REAL TIME CLOCK

—TOP VIEW—

LTC1337CS (LINEAR)
LTC1337CSW

CMOS RS232 TRANSCEIVER

—TOP VIEW—

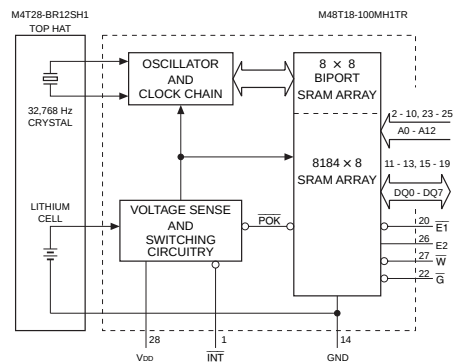
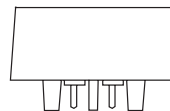
**INPUT**
 DRIVER1 - DRIVER3 : RS-232 DRIVER
 RX1 - RX5 : RECEIVER
OUTPUT
 DRIVER1 - DRIVER3 : RS-232 DRIVER
 RX1 - RX5 : RECEIVER OUTPUTS TTL/CMOS VOLTAGE LEVELS

 C1+, C1-, C2+, C2- : EXTERNAL CAPACITORS
 V+ : POSITIVE SUPPLY (RS-232 DRIVERS)
 V- : NEGATIVE SUPPLY (RS-232 DRIVERS)

M4T28-BR12SH1 (SGS)

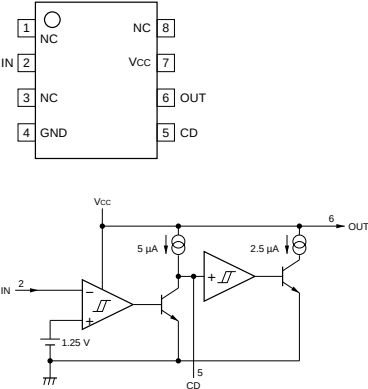
LITHIUM BATTERY AND CRYSTAL

—SIDE VIEW—



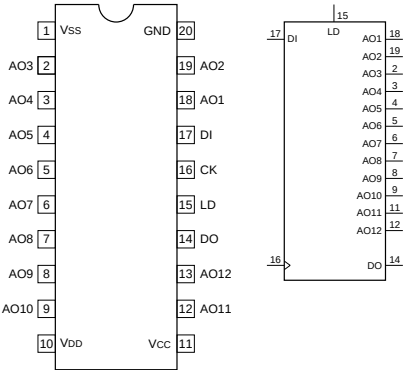
M51958AFP600D (MITSUBISHI)

VOLTAGE DETECT DELAY
—TOP VIEW—



M62352GP (MITSUBISHI)
M62352GP-75ED

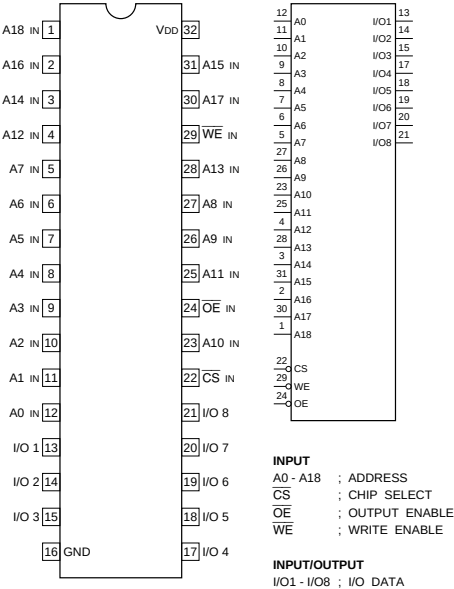
C-MOS 8-BIT x 12-CHANNEL D/A CONVERTER
(WITH BUFFER OPERATIONAL AMPLIFIER)
—TOP VIEW—



AO1 - AO12 : 8-BIT D/A OUTPUTS
CK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT

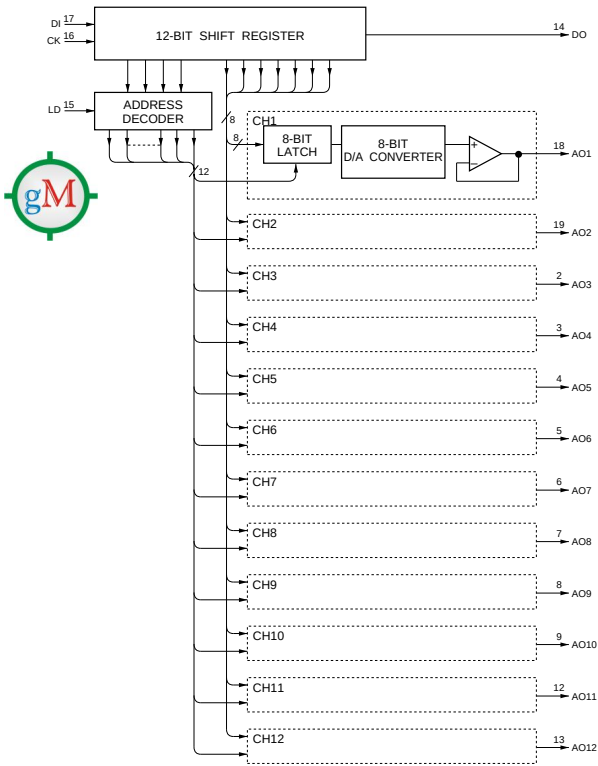
M5M5408ATP-55LL-EL (MITSUBISHI)

C-MOS 4 M (524,288 x 8)-BIT SRAM
—TOP VIEW—



INPUT
A0 - A18 : ADDRESS
CS : CHIP SELECT
OE : OUTPUT ENABLE
WE : WRITE ENABLE

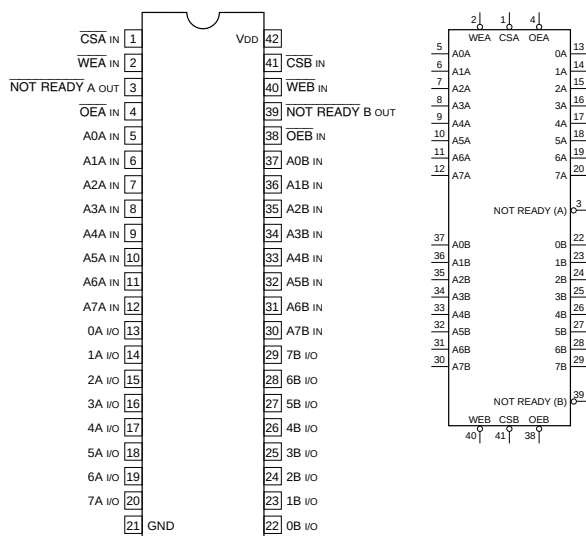
INPUT/OUTPUT
I/O1 - I/O8 : I/O DATA



M66220FP-200D (MITSUBISHI)

C-MOS 2 K (256 × 8)-BIT DUAL PORT SRAM

—TOP VIEW—

**A PORT****INPUT**

A0A - A7A : ADDRESS
 OSA : CHIP SELECT
 OEA : OUTPUT ENABLE
 WEA : WRITE ENABLE

OUTPUT

NOT READY A : NOT READY A

INPUT/OUTPUT

0A - 7A : DATA

B PORT**INPUT**

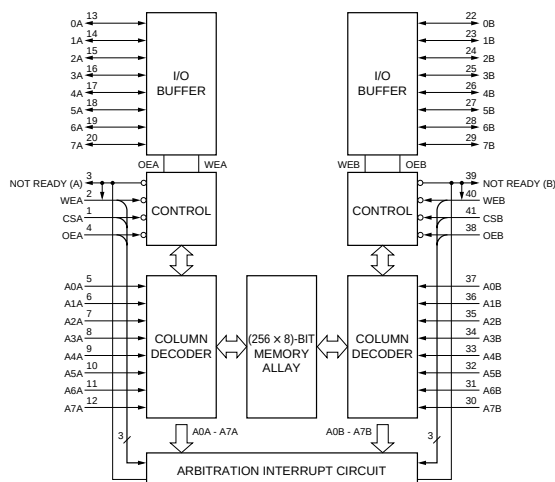
B0B - B7B : ADDRESS
 OSB : CHIP SELECT
 OEB : OUTPUT ENABLE
 WEB : WRITE ENABLE

OUTPUT

NOT READY B : NOT READY B

INPUT/OUTPUT

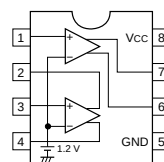
0B - 7B : DATA



MB3761PF-ER (FUJITSU)

VOLTAGE DETECTOR

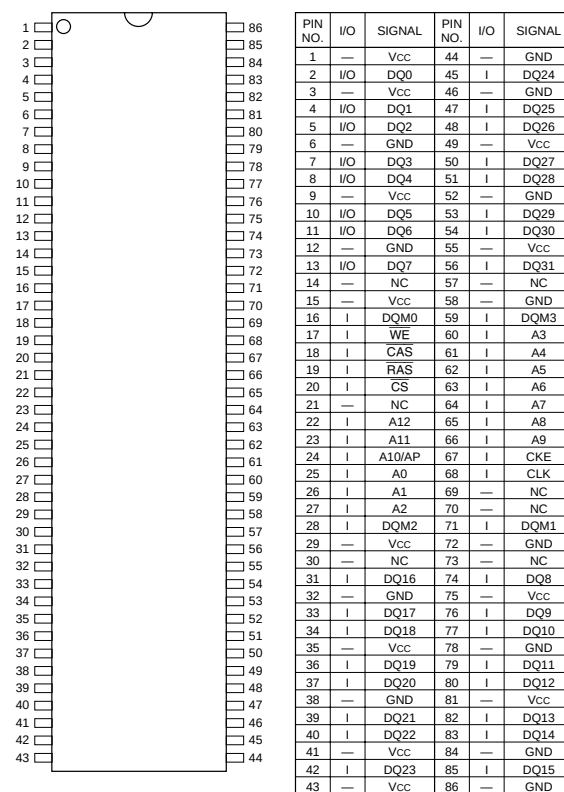
—TOP VIEW—



MB811643242A-100FN (FUJITSU)

64M (512K×32×4)-BIT SDRAM

—TOP VIEW—

**INPUTS**

A0 - A10 : ADDRESS
 A11, A12 : BANK SELECT
 AP : AUTO PRECHARGE ENABLE
 CAS : COLUMN ADDRESS STROBE
 CKE : CLOCK ENABLE
 CLK : CLOCK
 CS : CHIP SELECT
 DQM0 - DQM3 : INPUT MASK/OUTPUT ENABLE
 RAS : ROW ADDRESS STROBE
 WE : WRITE ENABLE

INPUTS/OUTPUTS

DQ0 - DQ31 : DATA

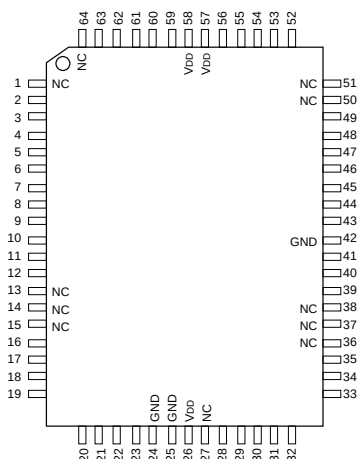
OTHER

NC : NO CONNECTION

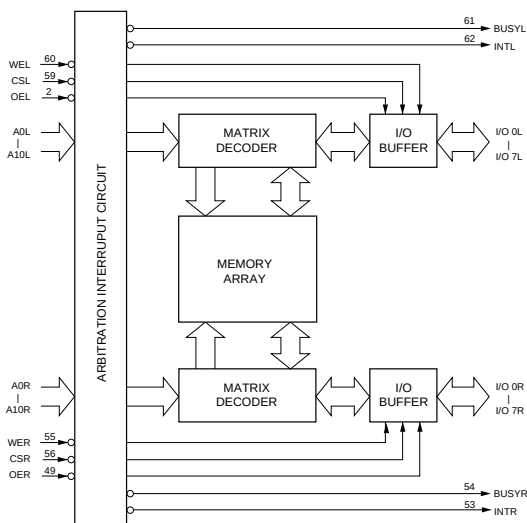
MB8421-90LPFQ (FUJITSU)(ACCESS TIME=90 nS)

C-MOS 16,384 (2 K × 8)-BIT DUAL PORT SRAM

—TOP VIEW—



A0L - A10L, A0R - A10R	: ADDRESS INPUTS
I/O0L - I/O7L, I/O0R - I/O7R	: DATA INPUTS/OUTPUTS
<u>CSL</u> , <u>CSR</u>	: CHIP SELECT INPUT
<u>WEL</u> , <u>WER</u>	: WRITE ENABLE INPUT
<u>OEL</u> , <u>OER</u>	: OUTPUT ENABLE INPUT
<u>BUSYL</u> , <u>BUSYR</u>	: BUSY OUTPUT
<u>INTL</u> , <u>INTR</u>	: INTERRUPT OUTPUT

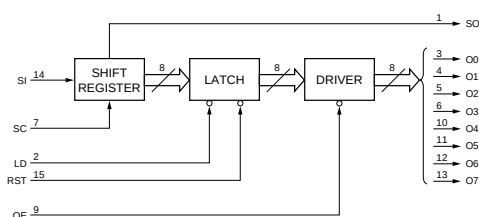
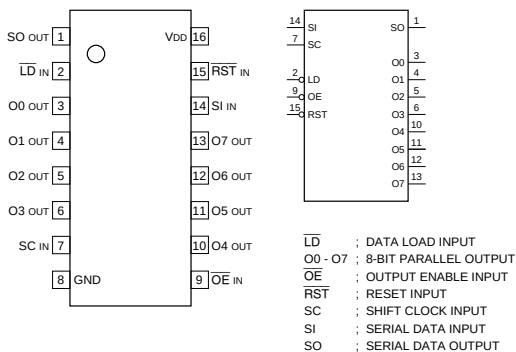


MB88306PF (FUJITSU)

MB88306PF-T2

C-MOS OUTPUT EXPANDER

—TOP VIEW—

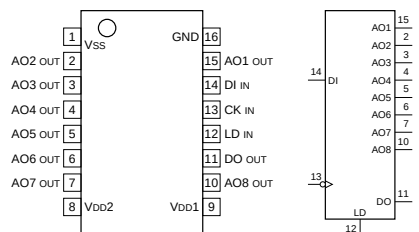


MB88347LPFV-G-BND-ER (FUJITSU)

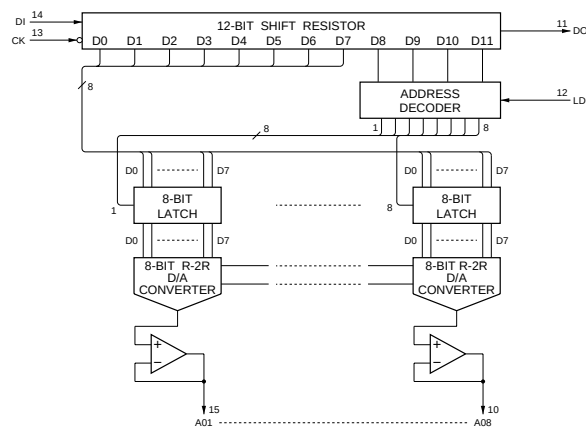
MB88347PFV

C-MOS D/A CONVERTER FOR DIGITAL TUNING

—TOP VIEW—



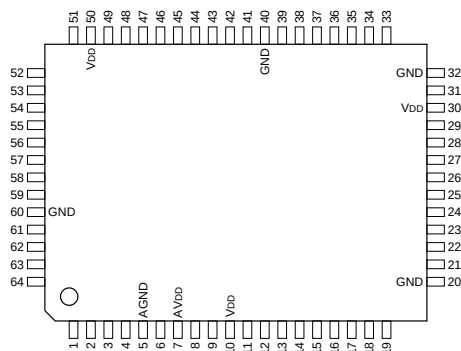
AO1 - AO8 : 8-BIT D/A OUTPUTS
CLK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT
LD : DATA LOAD CONTROL INPUT (H : LOAD)



MB90091A-120 (FUJITSU)

C-MOS ON SCREEN DISPLAY CONTROLLER

—TOP VIEW—



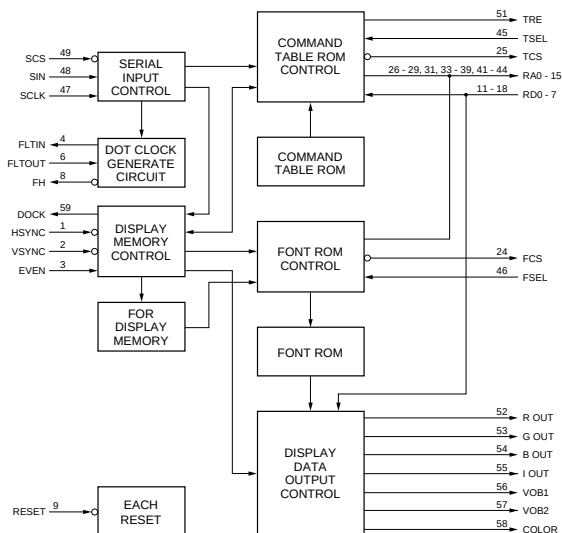
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	HSYNC	17	I	RD6	33	O	RA5	49	I	SCS
2	I	VSNC	18	I	RD7	34	O	RA6	50	—	VDD
3	I	EVEN	19	I	TEST	35	O	RA7	51	O	TRE
4	O	FLTIN	20	—	GND	36	O	RA8	52	O	R OUT
5	—	AGND	21	O	TA16	37	O	RA9	53	O	G OUT
6	I	FLTOUT	22	O	TA17	38	O	RA10	54	O	B OUT
7	—	AVDD	23	O	TA18	39	O	RA11	55	O	I OUT
8	O	FH	24	O	FCS	40	—	GND	56	O	VOB1
9	I	RESET	25	O	TCS	41	O	RA12	57	O	VOB2
10	—	VDD	26	O	RA0	42	O	RA13	58	O	COLOR
11	I	RD0	27	O	RA1	43	O	RA14	59	O	DOCK
12	I	RD1	28	O	RA2	44	O	RA15	60	—	GND
13	I	RD2	29	O	RA3	45	I	TSEL	61	I	TESTCK
14	I	RD3	30	—	VDD	46	I	FSEL	62	I	TESTSW
15	I	RD4	31	O	RA4	47	I	SCLK	63	I	HBLNK
16	I	RD5	32	—	GND	48	I	SIN	64	I	VBLNK

INPUTS

EVEN ; ODD/EVEN FIELD CONTROL (H = EVEN, L = ODD)
 FLTOUT ; INTERNAL VCO VOLTAGE
 FSEL ; FONT ROM INT/EXT SELECT
 HBLNK ; HORIZONTAL BLANKING
 HSYNC ; HORIZONTAL SYNC
 RD0 - RD7 ; EXTERNAL ROM DATA
 RESET ; SYSTEM RESET
 SCLK ; SERIAL SHIFT CLOCK
 SCS ; CHIP SELECT
 SIN ; SERIAL DATA
 TEST ; TEST SIGNAL
 TESTCK ; TEST SIGNAL
 TESTSW ; TEST SIGNAL
 TSEL ; COMMAND TABLE ROM ADDRESS CONTROL
 VBLNK ; VERTICAL BLANKING
 VSYNC ; VERTICAL SYNC

OUTPUTS

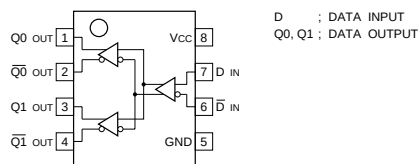
BOUT ; B OUTPUT
 COLOR ; COLOR/BW SELECT
 DOCK ; DOT CLOCK
 FCS ; EXTERNAL FONT ROM CHIP SELECT
 FH ; HORIZONTAL PULSE
 FLTIN ; PHASE COMPARED SIGNAL
 GOUT ; G OUTPUT
 IOUT ; I OUTPUT
 RA0 - RA15 ; EXTERNAL ROM ADDRESSES
 ROUT ; R OUTPUT
 TA16 - TA18 ; TEST SIGNALS
 TCS ; EXTERNAL COMMAND TABLE ROM CHIP SELECT
 TRE ; INTERNAL OPERATION STATUS
 VOB1 ; COLOR SIGNAL OUTPUT PERIOD
 VOB2 ; SPECIFIED CHARACTER OUTPUT PERIOD



MC10EL11DR2 (MOTOROLA)

ECL 1:2 DIFFERENTIAL FANOUT BUFFER

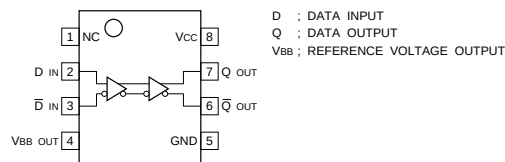
—TOP VIEW—



MC10EL16DR2 (MOTOROLA)

ECL DIFFERENTIAL RECEIVER

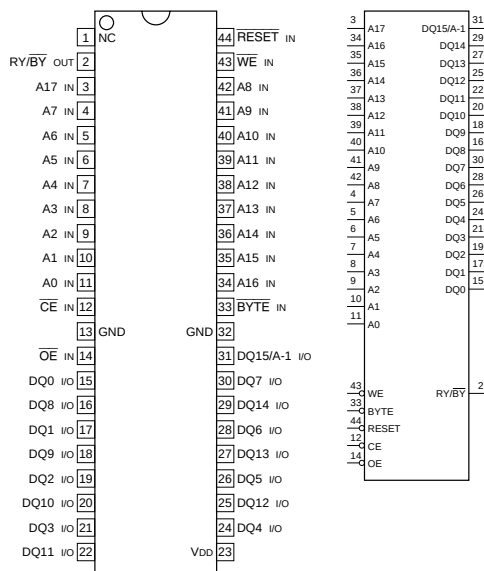
—TOP VIEW—



MBM29F400BC-90PF (FUJITSU)

4 M (524.288 × 8/262.144 × 16)-BIT FLASH MEMORY

—TOP VIEW—



INPUTS

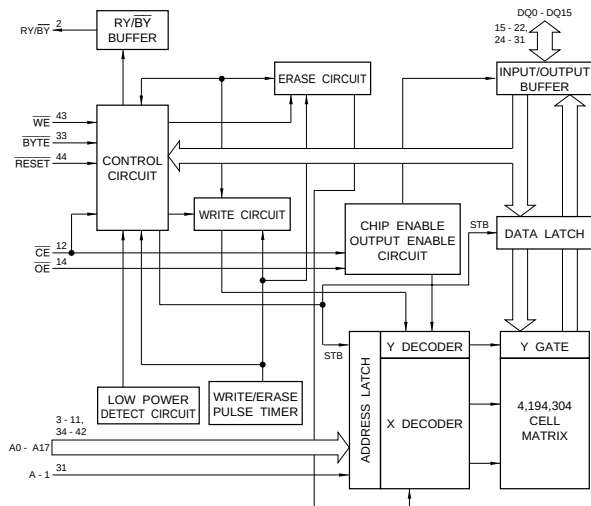
A0 - A17, A - 1 : ADDRESS
BYTE : 8-BIT, 16-BIT MODE SELECT
CE : CHIP ENABLE
OE : OUTPUT ENABLE
RESET : HARDWARE RESET
WE : WRITE ENABLE

OUTPUTS

RY/ $\overline{\text{BY}}$: READY/BUSY

INPUTS/OUTPUTS

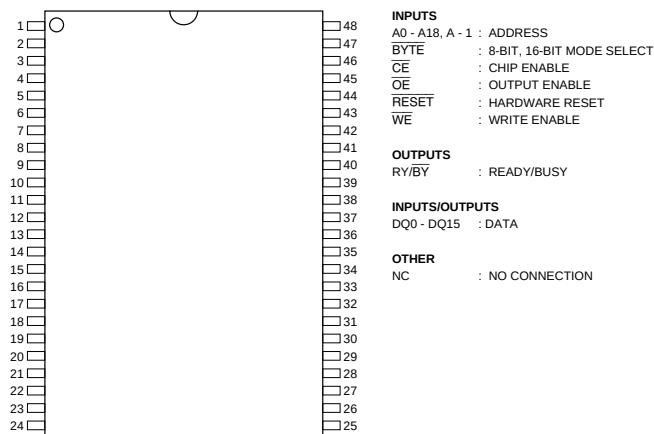
DQ00 - DQ15 : DATA



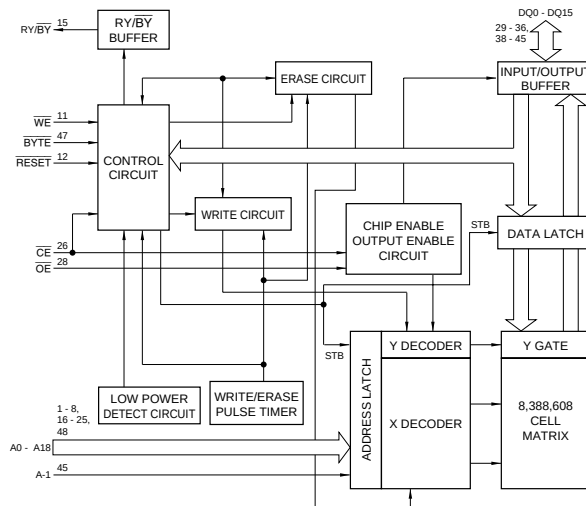
MBM29F800BA-90PF (FUJITSU)

8 M ($1,048,576 \times 8/524,288 \times 16$)-BIT FLASH MEMORY

—TOP VIEW—

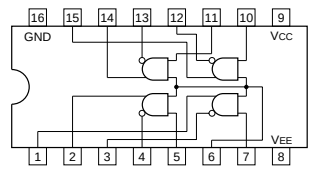


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	A15	13	—	NC	25	I	A0	37	—	V _{CC}
2	I	A14	14	—	NC	26	I	CE	38	I/O	DQ4
3	I	A13	15	O	RY/BY	27	—	VEE	39	I/O	DQ12
4	I	A12	16	I	A18	28	I	OE	40	I/O	DQ5
5	I	A11	17	I	A17	29	I/O	DQ0	41	I/O	DQ13
6	I	A10	18	I	A7	30	I/O	DQ8	42	I/O	DQ6
7	I	A9	19	I	A6	31	I/O	DQ1	43	I/O	DQ14
8	I	A8	20	I	A5	32	I/O	DQ9	44	I/O	DQ7
9	—	NC	21	I	A4	33	I/O	DQ2	45	I/O	DQ15/A-1
10	—	NC	22	I	A3	34	I/O	DQ10	46	—	VEE
11	I	WE	23	I	A2	35	I/O	DQ3	47	I	BYTE
12	I	RESET	24	I	A1	36	I/O	DQ11	48	I	A16



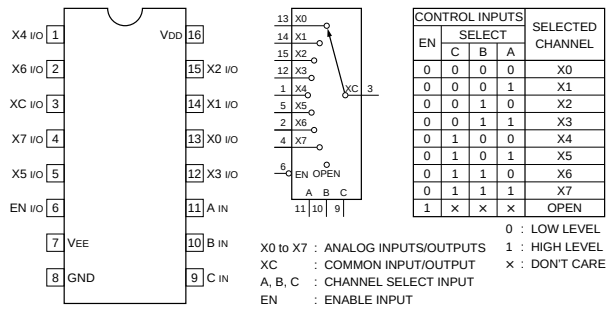
MC10H124M (MOTOROLA)
MC10H124MEL

ECL TTL-TO-ECL TRANSLATOR
—TOP VIEW—



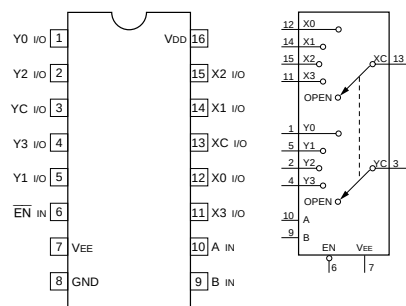
MC14051BF (MOTOROLA)
MC14051BFEL

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULPLEXER
—TOP VIEW—



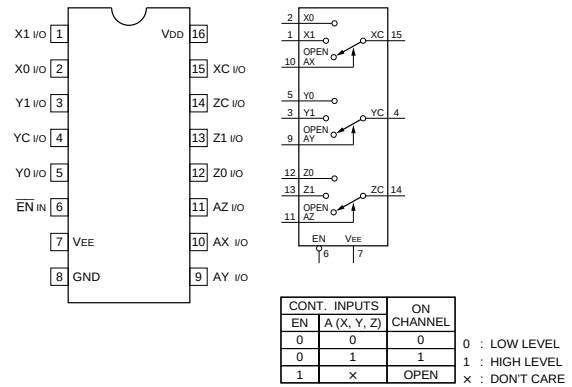
MC14052BF (MOTOROLA)
MC14052BFEL

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMULPLEXERS
—TOP VIEW—



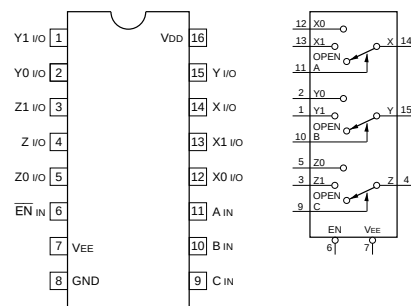
MC14053BF (MOTOROLA)
MC14053BFEL
TC4053BFT(EL,N) (TOSHIBA)

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULPLEXERS
—TOP VIEW—



MC74HC4053F (MOTOROLA)
TC74HC4053AF(EL)

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULPLEXER
—TOP VIEW—

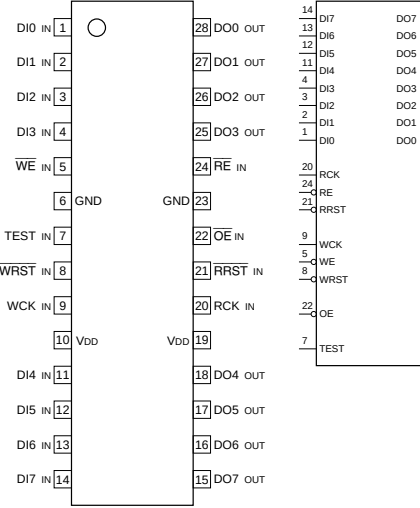


CONTROL INPUTS				ON CHANNEL		
EN	C	B	A			
0	0	0	0	Z0	Y0	X0
0	0	0	1	Z0	Y0	X1
0	0	1	0	Z0	Y1	X0
0	0	1	1	Z0	Y1	X1
0	1	0	0	Z1	Y0	X0
0	1	0	1	Z1	Y0	X1
0	1	1	0	Z1	Y1	X0
0	1	1	1	Z1	Y1	X1
1	x	x	x	OPEN		

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

MN47V77ST1 (MATSUSHITA)

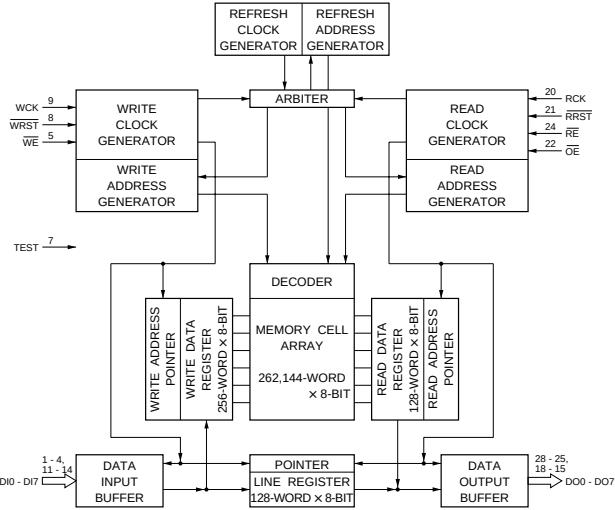
C-MOS 2 M (262,272-WORD × 8)-BIT FIFO (3.3 V) MEMORY
—TOP VIEW—



- INPUT**

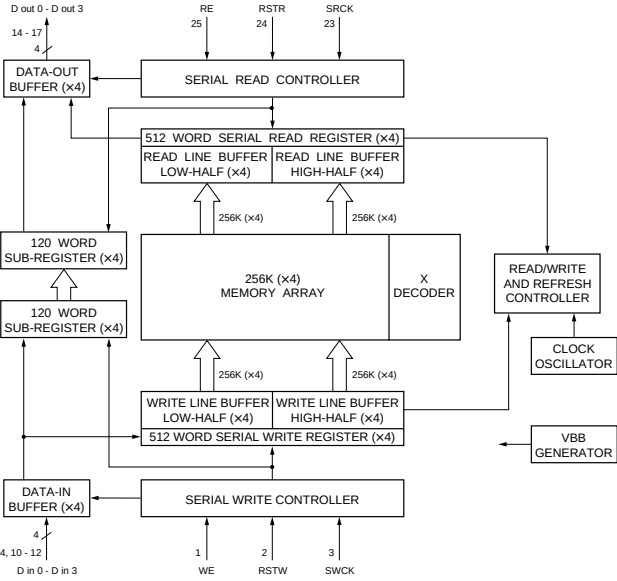
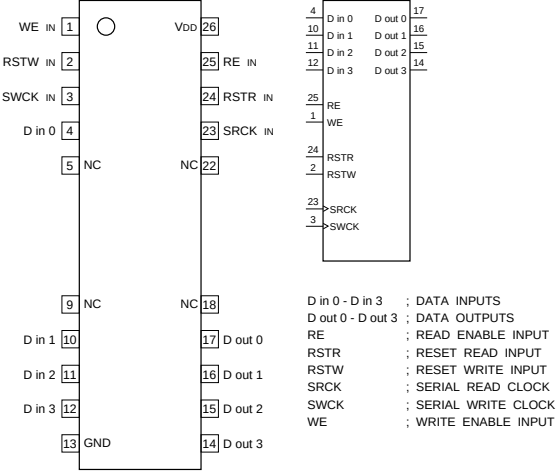
 - DI0 - DI7 : DATA
 - OE : OUTPUT ENABLE
 - RCK : READ CLOCK
 - RE : READ ENABLE
 - RRST : READ RESET
 - TEST : TEST
 - WCK : WRITE CLOCK
 - WE : WRITE ENABLE
 - WRST : WRITE RESET
- OUTPUT**

 - DO0 - DO7 : DATA

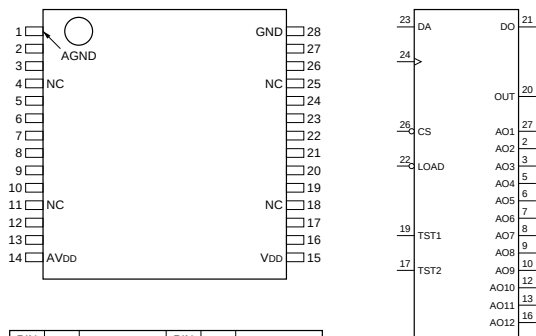


MSM514221B-30JS (OKI)

C-MOS 1M (262,263 × 4)-BIT FIELD MEMORY
—TOP VIEW—



MSM6524GS-KR1 (OKI)

C-MOS 12 CHANNELS 8-BITS D-A CONVERTER WITH 96-BIT EEPROM
—TOP VIEW—

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	A GND	15	—	VDD
2	O	AO2	16	O	AO12
3	O	AO3	17	I	TST2
4	—	NC	18	—	NC
5	O	AO4	19	I	TST1
6	O	AO5	20	O	OUT
7	O	AO6	21	O	DO
8	O	AO7	22	I	LOAD
9	O	AO8	23	I	DA
10	O	AO9	24	I	CLK
11	—	NC	25	—	NC
12	O	AO10	26	I	CS
13	O	AO11	27	O	AO1
14	—	AVDD	28	—	GND

INPUT

CLK : SHIFT CLOCK
CS : WRITE MODE PROTECT
DA : SERIAL DATA
LOAD : LOAD INPUT OF 8-BIT SHIFT REGISTER
TST1, TST2 : TEST PINS

OUTPUT

AO0 - AO12 : 8-BIT D/A OUTPUTS
DO : LSB BIT DATA OF 8-BIT SHIFT REGISTER
OUT : MONITOR PIN
MODE (1) WRITE

1st BYTE								2nd BYTE							
D0	D1	D2	D3	D4	D5	D6	D7	D0	D1	D2	D3	D4	D5	D6	D7
1	0	0	1	A0	A1	A2	A3	10	11	12	13	14	15	16	17
MODE SELECT				ADDRESS SELECT				DA DATA SET							

MODE (2) LOAD

1st BYTE								2nd BYTE							
D0	D1	D2	D3	D4	D5	D6	D7	D0	D1	D2	D3	D4	D5	D6	D7
1	1	1	1	A0	A1	A2	A3	10	11	12	13	14	15	16	17
MODE SELECT				ADDRESS SELECT				DA DATA SET							

MODE (3) MEMORY TEST

1st BYTE								2nd BYTE							
D0	D1	D2	D3	D4	D5	D6	D7	D0	D1	D2	D3	D4	D5	D6	D7
0	0	1	1	A0	A1	A2	A3	00	01	02	03	04	05	06	07
MODE SELECT				ADDRESS SELECT				MEMORY DATA OUTPUT							

0 : LOW LEVEL
1 : HIGH LEVEL

MODE SELECT

D0	D1	D2	D3	MODE SELECT
1	0	0	1	MODE1
1	1	1	1	MODE2
0	0	1	1	MODE3
OTHERS				DONT CARE

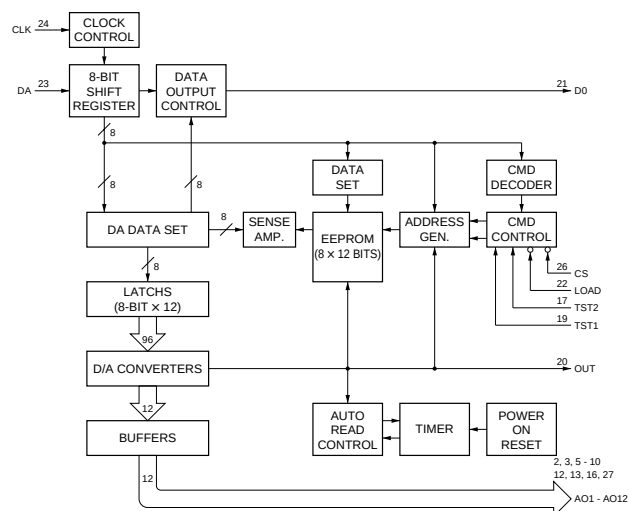
ADDRESS SELECT

D4	D5	D6	D7	ADDRESS SELECT
A0	A1	A2	A3	
0	0	0	0	DONT CARE
1	0	0	0	AO1
0	1	0	0	AO2
1	1	0	0	AO3
0	0	1	0	AO4
1	0	1	0	AO5
0	1	1	0	AO6
1	1	1	0	AO7
0	0	0	1	AO8
1	0	0	1	AO9
0	1	0	1	AO10
1	1	0	1	AO11
0	0	1	1	AO12
1	0	1	1	DONT CARE
0	1	1	1	DONT CARE
1	1	1	1	DONT CARE

D/A OUTPUT

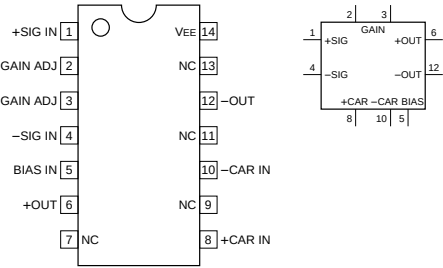
D0	D1	D2	D3	D4	D5	D6	D7	D/A OUTPUT
10	11	12	13	14	15	16	17	
0	0	0	0	0	0	0	0	$\approx VOLA + (VOHA - VOLA)/256 \times 1$
1	0	0	0	0	0	0	0	$\approx VOLA + (VOHA - VOLA)/256 \times 2$
0	1	0	0	0	0	0	0	$\approx VOLA + (VOHA - VOLA)/256 \times 3$
1	1	0	0	0	0	0	0	$\approx VOLA + (VOHA - VOLA)/256 \times 4$
0	0	1	0	0	0	0	0	$\approx VOLA + (VOHA - VOLA)/256 \times 5$
...	...	...	...	...	...	...	...	...
1	0	1	1	1	1	1	1	$\approx VOLA + (VOHA - VOLA)/256 \times 256$
0	0	1	1	1	1	1	1	$\approx VOLA + (VOHA - VOLA)/256 \times 254$
1	1	1	1	1	1	1	1	$\approx VOLA + (VOHA - VOLA)/256 \times 255$
0	1	1	1	1	1	1	1	$\approx VOLH$

0 : LOW LEVEL
1 : HIGH LEVEL



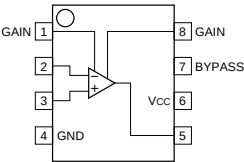
NJM1496V-TE2 (JRC)

BALANCED MODULATOR/DEMODULATOR
—TOP VIEW—



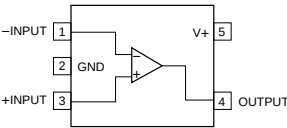
NJM386BM (JRC)

AUDIO POWER AMPLIFIER
—TOP VIEW—



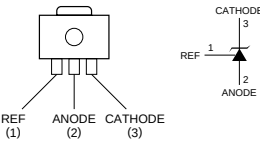
NJM2406F (JRC)
NJM2406F-TE2

SINGLE COMPARATOR
—TOP VIEW—



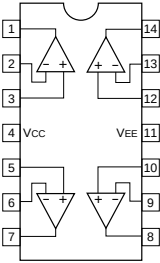
NJM431U (JRC)
NJM431U-TE1

ADJUSTABLE PRECISION SHUNT REGULATOR
—FRONT VIEW—



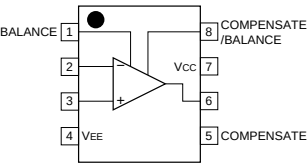
NJM3403AM (JRC)
NJM3403AM(Te2)

QUAD OPERATIONAL AMPLIFIER
—TOP VIEW—



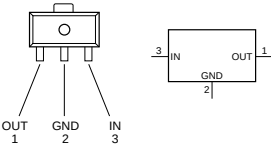
NJM5534M (JRC)
NJM5534M-T2

OPERATIONAL AMPLIFIER
—TOP VIEW—



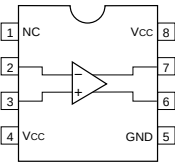
NJM78L05UA (JRC)+5 V(100 mA)
NJM78L05UA-TE1

POSITIVE VOLTAGE REGULATOR
—SIDE VIEW—



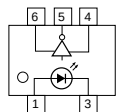
NJM360M (JRC)
NJM360M-TE2

HIGH SPEED VOLTAGE COMPARATOR
—TOP VIEW—



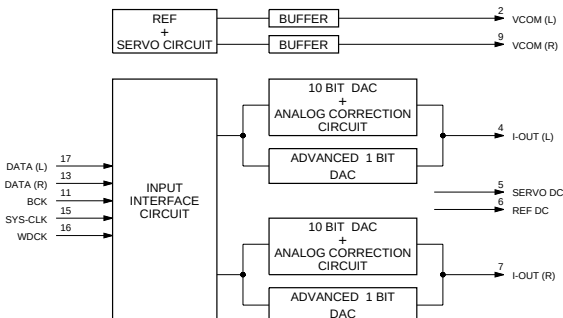
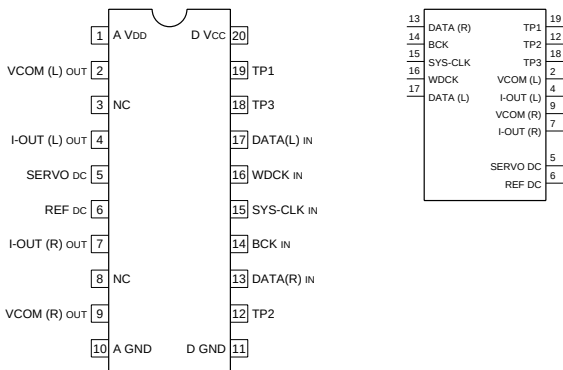
PC410 (SHARP)
PC410T

PHOTOCOUPLER
—TOP VIEW—



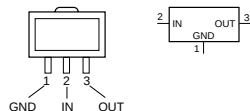
PCM69U-J/2K (BURR-BROWN)

C-MOS DUAL 18-BIT D/A CONVERTER
—TOP VIEW—



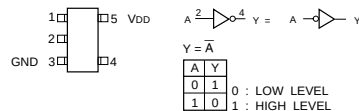
S-81250SGUP-DQD-T1 (SEIKO I&E)+5.0 V

THREE TERMINAL POSITIVE VOLTAGE REGULATOR
—TOP VIEW—



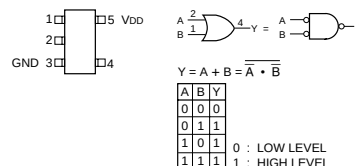
SC7S04F (MOTOROLA)
TC4S69F (TOSHIBA)
TC4S69F (TE85R)
TC4SU69F (TOSHIBA)
TC4SU69F (TE85R)
TC7S04F (TE85R)
TC7S04FU (TE85R) (TOSHIBA)

C-MOS INVERTER
—TOP VIEW—



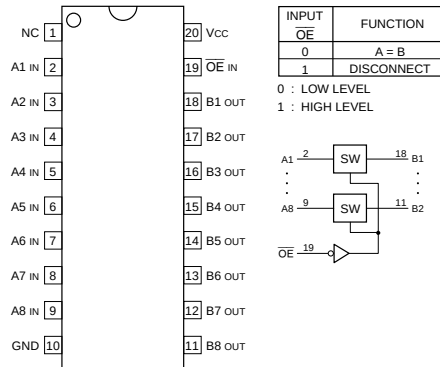
SC7S32F (MOTOROLA)
TC7S32F (TE85R)

C-MOS 2-INPUT OR GATE
—TOP VIEW—



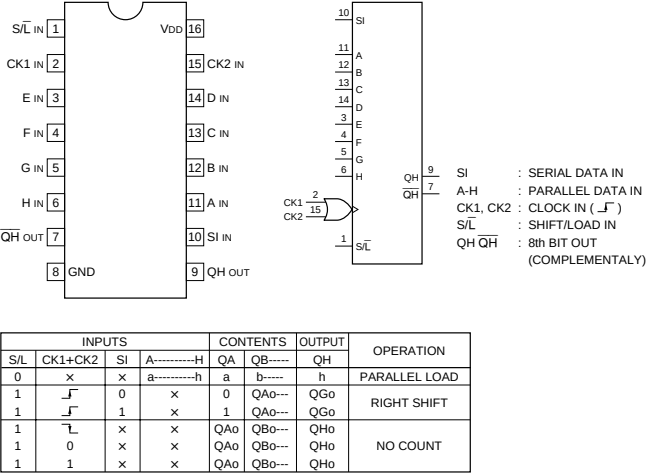
SN74CBTLV3245PW-E05 (TI)

OCTAL FET BUS SWITCH
—TOP VIEW—

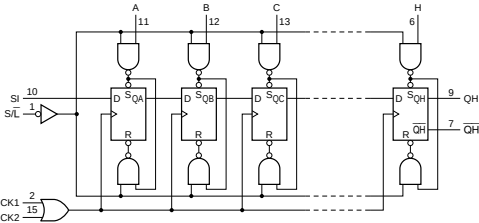


SN74HC165ANS (TI)
SN74HC165ANS-E05
TC74VHC165FT(EL) (TOSHIBA)

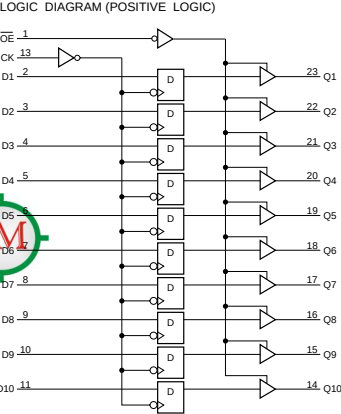
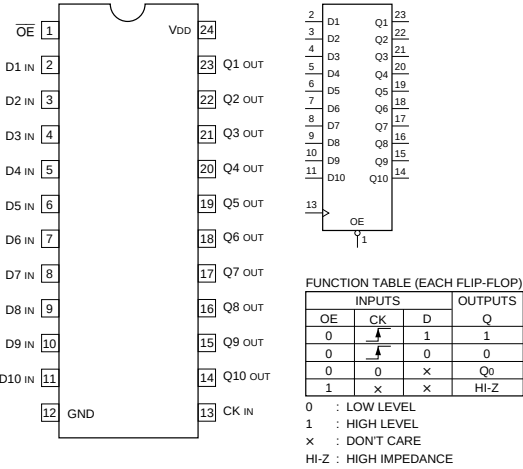
C-MOS SERIAL-OR PARALLEL-INPUT SHIFT REGISTER
—TOP VIEW—



0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE
a-h : LEVEL OF INPUTS A-H
QA0 - QHo : LEVEL OF QA-QH BEFORE THE INDICATED INPUT CONDITIONS WERE ESTABLISHED

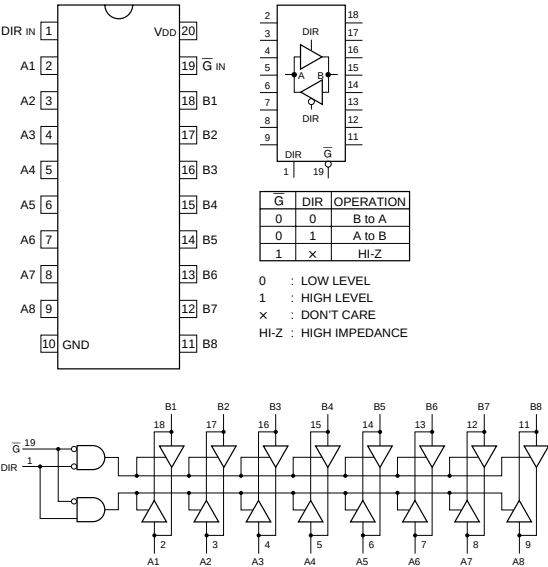


SN74LVC821APW-E05 (TI)
C-MOS 10-BIT BUS INTERFACE FLIP-FLOPS WITH 3-STATE OUTPUTS
—TOP VIEW—

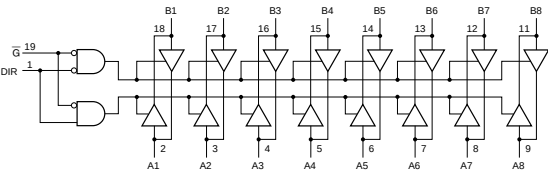


SN74HC245APW-E05 (TI)
SN74HCT245APW-E05 (TI)
SN74LV245APWR (TI)
TC74VHCT245AFT(EL) (TOSHIBA)

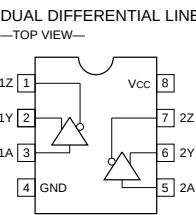
OCTAL BUS TRANSCEIVER WITH 3-STATE OUTPUTS
—TOP VIEW—



0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE
Hi-Z : HIGH IMPEDANCE



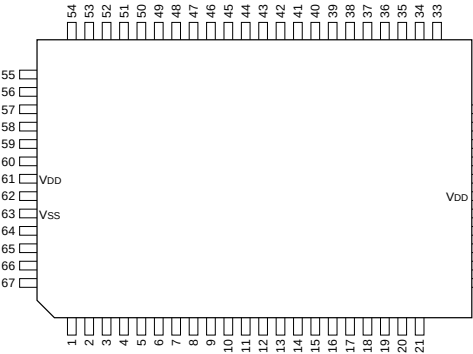
SN75158PS (TI)
SN75158PS-E05
DUAL DIFFERENTIAL LINE DRIVE
—TOP VIEW—



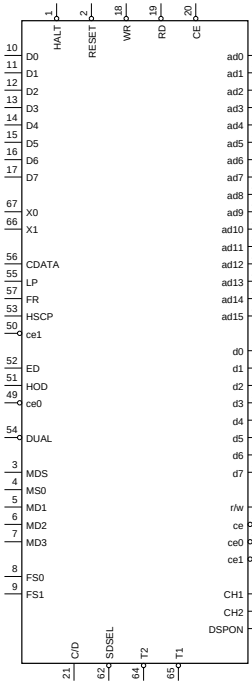
T6963C (TOSHIBA)

C-MOS DOT MATRIX LCD CONTROLLER

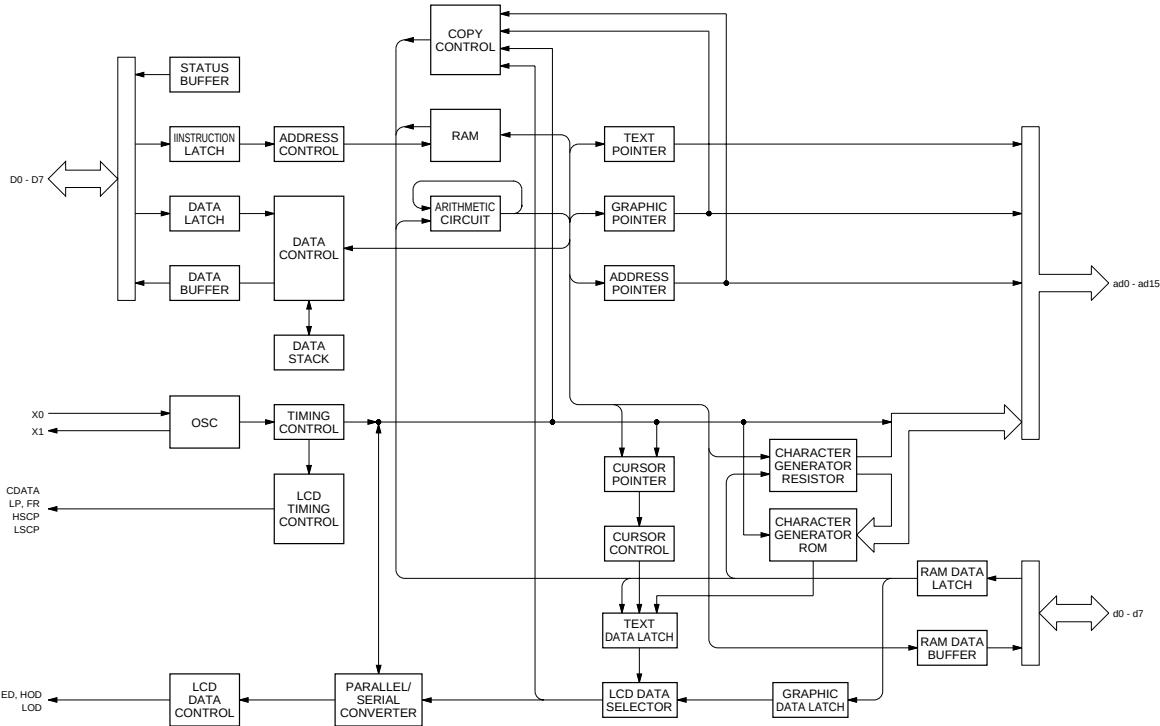
—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	HALT	18	I	WR	35	O	ad2	52	O	ED
2	I	RESET	19	I	RD	36	O	ad3	53	O	HSCP
3	I	MDS	20	I	CE	37	O	ad4	54	I	DUAL
4	I	MD0	21	I	C/D	38	O	ad5	55	O	LP
5	I	MD1	22	I/O	d0	39	O	ad6	56	O	CDATA
6	I	MD2	23	I/O	d1	40	O	ad7	57	O	FR
7	I	MD3	24	I/O	d2	41	O	ad8	58	O	CH1
8	I	FS0	25	I/O	d3	42	O	ad9	59	O	CH2
9	I	FS1	26	I/O	d4	43	O	ad10	60	O	DSPON
10	I/O	D0	27	—	VDD	44	O	ad11	61	—	VDD
11	I/O	D1	28	I/O	d5	45	O	ad12	62	I	SDSEL
12	I/O	D2	29	I/O	d6	46	O	ad13	63	—	VSS
13	I/O	D3	30	I/O	d7	47	O	ad14	64	I	T2
14	I/O	D4	31	O	r/w	48	O	ad15	65	I	T1
15	I/O	D5	32	O	ce	49	O	ce0	66	I	X1
16	I/O	D6	33	O	ad0	50	O	ce1	67	O	X0
17	I/O	D7	34	O	ad1	51	O	HOD	—	—	—

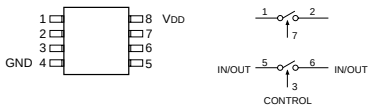


- INPUT**
C/D : COMMAND/DATA SELECT
CE : CHIP ENABLE
DUAL : DUAL LCD SELECT
FS0, FS1 : FONT SELECT
HALT : HALT
MDS : DISPLAY COLUMN SELECT
MD0-3 : DISPLAY COLUMN SELECT
RD : READ
RESET : RESET
SDSEL : INPUT DATA SELECT (NORMAL/DUAL)
T1, T2 : TEST1, 2
WR : WRITE
X1 : CRYSTAL OSCILLATOR
- OUTPUT**
ad0 - ad15 : ADDRESS BUS
CDATA : SYNC
ce, ce0, ce1 : MEMORY CHIP ENABLE
CH1, CH2 : CHECK1, 2
DSPON : EXTERNAL DC/DC CONVERTER CONTROL
ED : SERIAL DATA FOR LCD
FR : FRAME SIGNAL
HOD : SERIAL DATA FOR UPPER LCD
HSCP : SHIFT CLOCK PULSE
LP : LATCH PULSE/CLOCK PULSE
r/w : MEMORY READ/WRITE
X0 : CRYSTAL OSCILLATOR
- INPUT/OUTPUT**
D0 - D7 : DATA BUS
d0 - d7 : MEMORY DATA BUS



TC4W66FU(TE12R) (TOSHIBA)

C-MOS DUAL BILATERAL SWITCH
—TOP VIEW—



CONTROL	SWITCH
0	OFF
1	ON

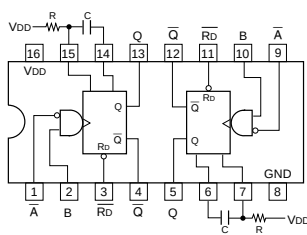
0 : LOW LEVEL
1 : HIGH LEVEL

TC74HC123AF (TOSHIBA)

TC74HC123AF(EL)

TC74VHC123AFT(EL) (TOSHIBA)

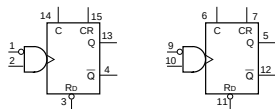
C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS
—TOP VIEW—



INPUTS			OUTPUTS	
RD	A	B	Q	$\bar{Q}$
0	x	x	0	1
1	1	x	0	1
1	x	0	0	1
1	0	1	1	0
1	1	1	1	0
1	0	1	1	0

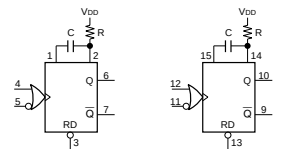
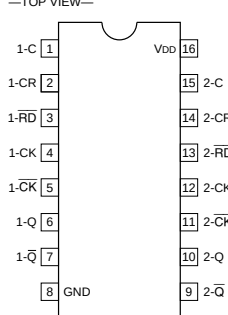
0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

OUTPUT PULSE WIDTH = 0.46 CR

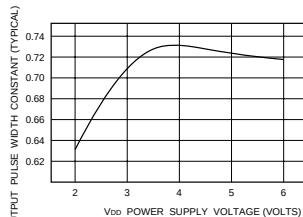


TC74HC4538AFT(EL) (TOSHIBA)

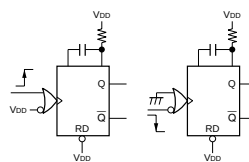
C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
—TOP VIEW—



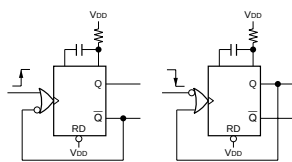
OUTPUT PULSE WIDTH = $k \cdot C \cdot R$



RETRIGGERABLE M. M. V

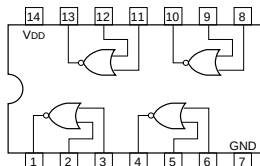


NON-RETRIGGERABLE M. M. V



TC74VHC02FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT NOR GATES
—TOP VIEW—



$$Y = \overline{A + B} = \overline{A} \cdot \overline{B}$$

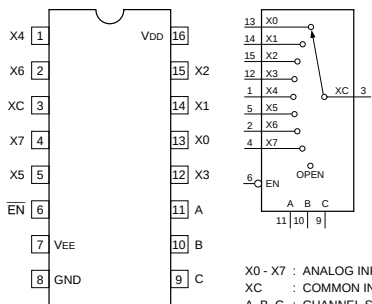
$$Y = \overline{A + B} = \overline{A} \cdot \overline{B}$$

A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC74HC4051AF(EL) (TOSHIBA)

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULPLEXER
—TOP VIEW—



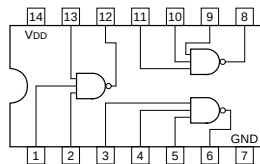
X0 - X7 : ANALOG INPUTS/OUTPUTS
XC : COMMON INPUT/OUTPUT
A, B, C : CHANNEL SELECT INPUT
EN : ENABLE INPUT

EN	SELECT			SELECTED CHANNEL
	C	B	A	
0	0	0	0	X0
0	0	0	1	X1
0	0	1	0	X2
0	0	1	1	X3
0	1	0	0	X4
0	1	0	1	X5
0	1	1	0	X6
0	1	1	1	X7
1	x	x	x	OPEN

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

TC74VHC10FT(EL) (TOSHIBA)

C-MOS 3-INPUT NAND GATE
—TOP VIEW—



$$Y = \overline{ABC} = \overline{A} + \overline{B} + \overline{C}$$

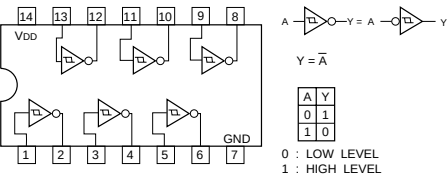
A	B	C	Y
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL

TC74VHC14FT(EL) (TOSHIBA)

C-MOS HEX SCHMITT TRIGGER INVERTERS

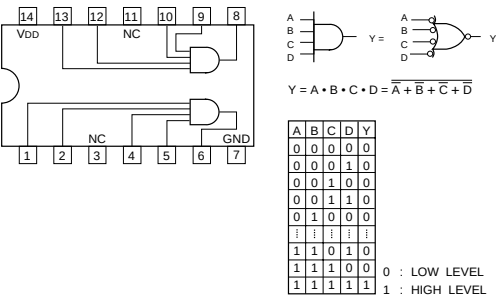
—TOP VIEW—



TC74VHC21FT(EL) (TOSHIBA)

C-MOS DUAL 4-INPUT POSITIVE AND GATE

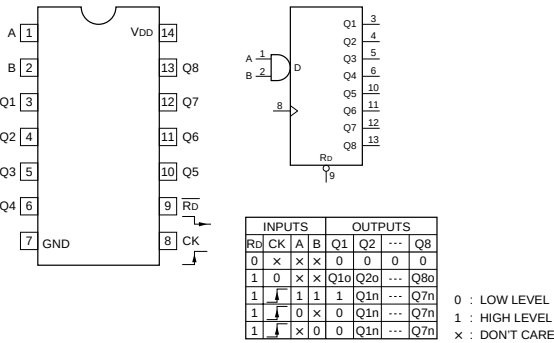
—TOP VIEW—



TC74VHC164FT(EL) (TOSHIBA)

C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER

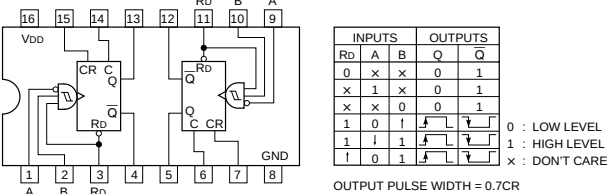
—TOP VIEW—



TC74VHC221AFT(EL) (TOSHIBA)

C-MOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT

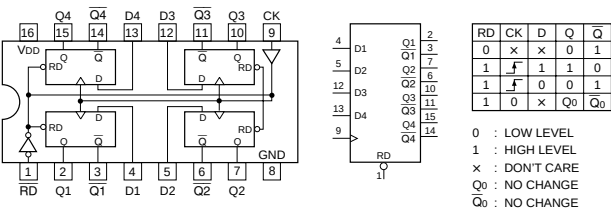
—TOP VIEW—



TC74VHC175FT(EL) (TOSHIBA)

C-MOS QUAD D-TYPE FLIP-FLOPS WITH RESET

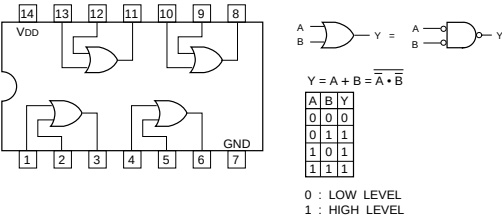
—TOP VIEW—



TC74VHC32FT(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT OR GATES

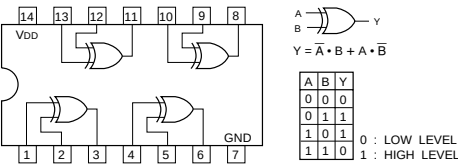
—TOP VIEW—



TC74VHC86FT(EL) (TOSHIBA)

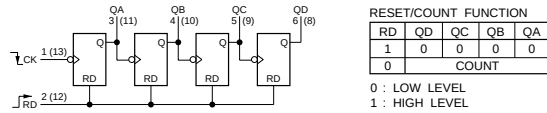
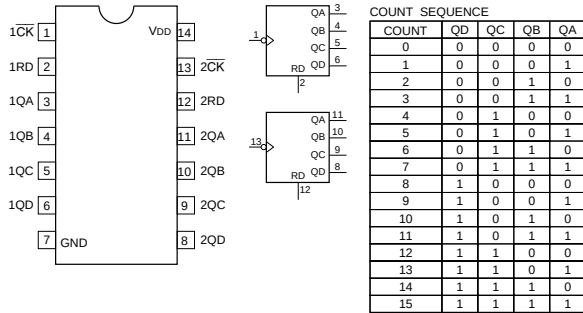
C-MOS QUAD EXCLUSIVE OR GATES

—TOP VIEW—

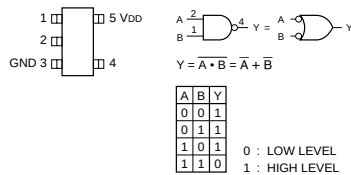


TC74VHC393FT(EL) (TOSHIBA)
C-MOS DUAL 4-BIT BINARY COUNTER

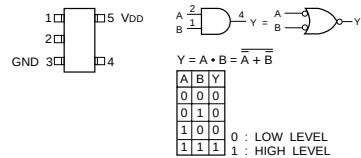
—TOP VIEW—


TC7S00FU(TE85R) (TOSHIBA)
C-MOS 2-INPUT NAND GATE

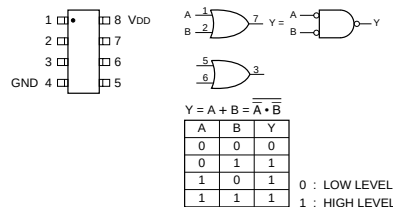
—TOP VIEW—


TC7S08F (TOSHIBA)
TC7S08F(TE85R)
TC7S08FU(TE85R) (TOSHIBA)
C-MOS 2-INPUT AND GATE

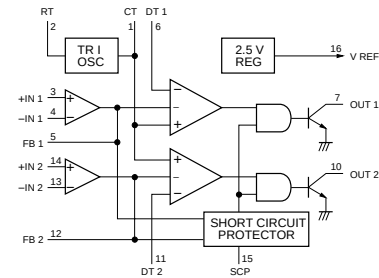
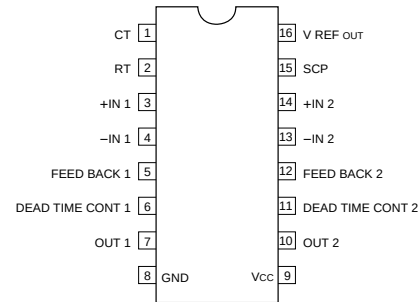
—TOP VIEW—


TC7W32FU (TOSHIBA)
TC7W32FU(TE12R)
C-MOS DUAL 2-INPUT OR GATE

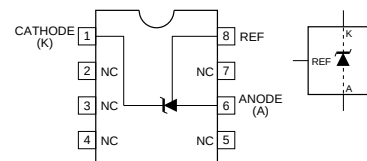
—TOP VIEW—


TL1451ACPW(R) (TI)
DUAL PWM POWER CONTROLLER

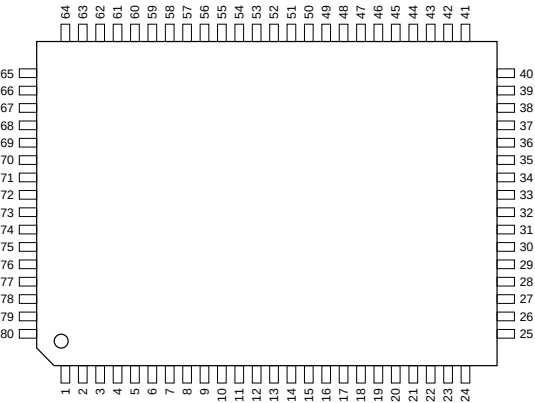
—TOP VIEW—


TL431CPS (TI)
TL431CPS-E05
ADJUSTABLE PRECISION SHUNT REGULATOR

—TOP VIEW—



TC9240F (TOSHIBA)
LCD DRIVER FOR AUDIO
—TOP VIEW—

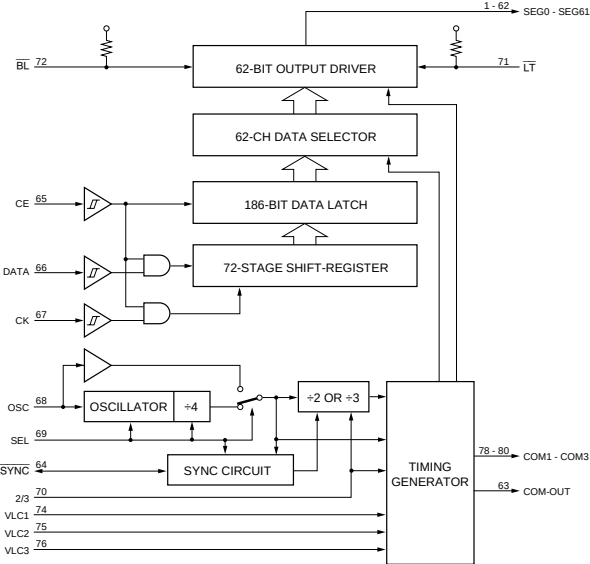


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	SEG0	21	O	SEG20	41	O	SEG40	61	O	SEG60
2	O	SEG1	22	O	SEG21	42	O	SEG41	62	O	SEG61
3	O	SEG2	23	O	SEG22	43	O	SEG42	63	O	COM-OUT
4	O	SEG3	24	O	SEG23	44	O	SEG43	64	I/O	SYNC
5	O	SEG4	25	O	SEG24	45	O	SEG44	65	I	CE
6	O	SEG5	26	O	SEG25	46	O	SEG45	66	I	DATA
7	O	SEG6	27	O	SEG26	47	O	SEG46	67	I	CK
8	O	SEG7	28	O	SEG27	48	O	SEG47	68	I	OSC
9	O	SEG8	29	O	SEG28	49	O	SEG48	69	I	SEL
10	O	SEG9	30	O	SEG29	50	O	SEG49	70	I	2/3
11	O	SEG10	31	O	SEG30	51	O	SEG50	71	I	LT
12	O	SEG11	32	O	SEG31	52	O	SEG51	72	I	BL
13	O	SEG12	33	O	SEG32	53	O	SEG52	73	—	Vcc
14	O	SEG13	34	O	SEG33	54	O	SEG53	74	I	VLC1
15	O	SEG14	35	O	SEG34	55	O	SEG54	75	I	VLC2
16	O	SEG15	36	O	SEG35	56	O	SEG55	76	I	VLC3
17	O	SEG16	37	O	SEG36	57	O	SEG56	77	—	GND
18	O	SEG17	38	O	SEG37	58	O	SEG57	78	O	COM1
19	O	SEG18	39	O	SEG38	59	O	SEG58	79	O	COM2
20	O	SEG19	40	O	SEG39	60	O	SEG59	80	O	COM3

- INPUTS**
- 2/3 : DUTY SELECT
 - BL : BLANKING
 - CE : CHIP SELECT
 - CK : CLOCK
 - DATA : DATA
 - LT : LAMP TEST
 - OSC : OSCILLATOR
 - SEL : MASTER/SLAVE SELECT
 - VLC1 - VLC3 : BIAS VOLTAGE

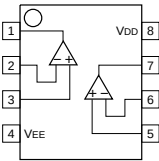
- OUTPUTS**
- COM1 - COM3 : COMMON
 - COM-OUT : COMMON CLOCK
 - SEG0 - SEG61 : SEGMENT

- INPUTS/OUTPUTS**
- SYNC : SYNC



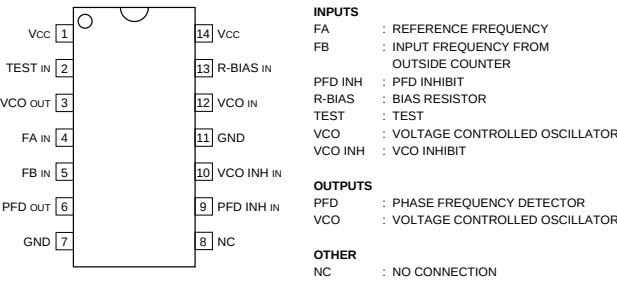
TLC272CPW-E05 (TI)
TLC27M2CPW-E05 (TI)
TLC27M2CPWR

C-MOS DUAL OPERATIONAL AMPLIFIERS
(SINGLE-SUPPLY TYPE)
—TOP VIEW—

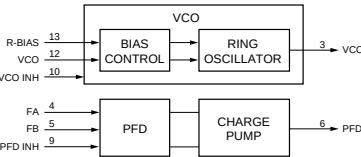


TLC2933IPWR (TI)

VCO AND PHASE FREQUENCY DETECTOR
—TOP VIEW—

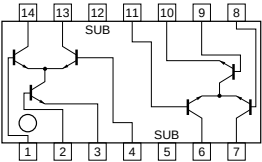


- INPUTS**
- FA : REFERENCE FREQUENCY
 - FB : INPUT FREQUENCY FROM OUTSIDE COUNTER
 - PFD INH : PFD INHIBIT
 - R-BIAS : BIAS RESISTOR
 - TEST : TEST
 - VCO : VOLTAGE CONTROLLED OSCILLATOR
 - VCO INH : VCO INHIBIT
- OUTPUTS**
- PFD : PHASE FREQUENCY DETECTOR
 - VCO : VOLTAGE CONTROLLED OSCILLATOR
- OTHER**
- NC : NO CONNECTION



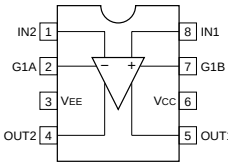
UPA102G-E1 (NEC)

HIGH FREQUENCY PNP TRANSISTOR ARRAY
—TOP VIEW—



UPC1663G (NEC)
UPC1663G-E2

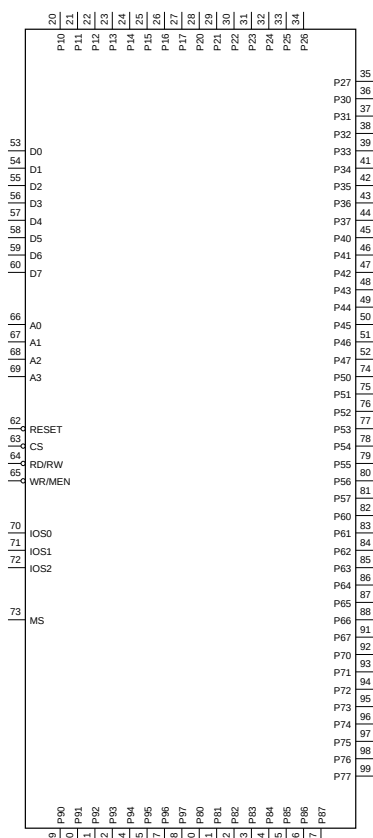
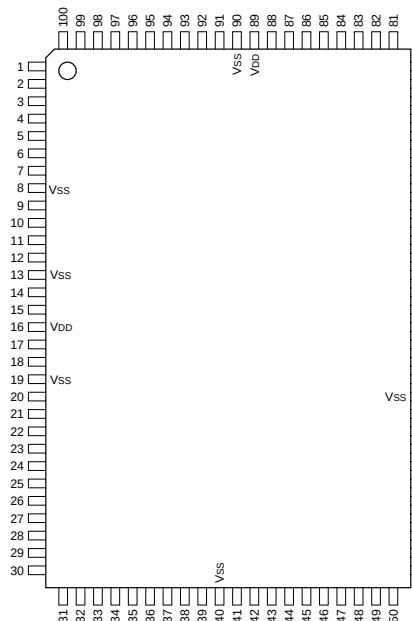
WIDEBAND VIDEO AMPLIFIER
—TOP VIEW—



TE7751 (TKE)

C-MOS SUPER I/O EXPANDER (8-BIT × 9 CH)

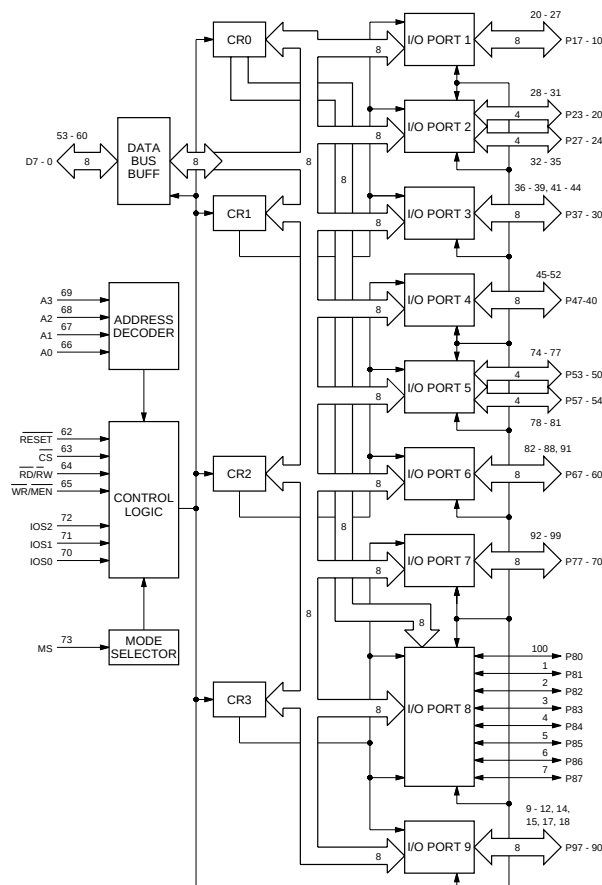
—TOP VIEW—



INPUT
A0 - A3 : ADDRESS INPUT
CS : CHIP SELECT
IOS0 - 2 : I/O SELECT
MS : MODE SELECT
RD/RW : READ/WRITE
RESET : RESET
WR/MEN : WRITE/MOTOROLA ENABLE

INPUT/OUTPUT
D0 - 7 : DATA BUS
P10 - 17 : I/O PORT 1
P20 - 27 : I/O PORT 2
P30 - 37 : I/O PORT 3
P40 - 47 : I/O PORT 4
P50 - 57 : I/O PORT 5
P60 - 67 : I/O PORT 6
P70 - 77 : I/O PORT 7
P80 - 87 : I/O PORT 8
P90 - 97 : I/O PORT 9

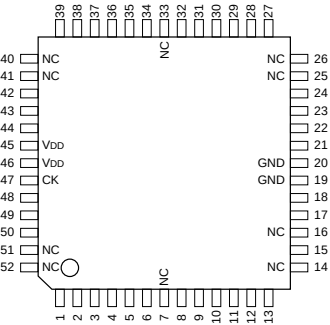
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P81	26	I/O	P16	51	I/O	P46	76	I/O	P52
2	I/O	P82	27	I/O	P17	52	I/O	P47	77	I/O	P53
3	I/O	P83	28	I/O	P20	53	I/O	D0	78	I/O	P54
4	I/O	P84	29	I/O	P21	54	I/O	D1	79	I/O	P55
5	I/O	P85	30	I/O	P22	55	I/O	D2	80	I/O	P56
6	I/O	P86	31	I/O	P23	56	I/O	D3	81	I/O	P57
7	I/O	P87	32	I/O	P24	57	I/O	D4	82	I/O	P60
8	—	Vss	33	I/O	P25	58	I/O	D5	83	I/O	P61
9	I/O	P90	34	I/O	P26	59	I/O	D6	84	I/O	P62
10	I/O	P91	35	I/O	P27	60	I/O	D7	85	I/O	P63
11	I/O	P92	36	I/O	P30	61	—	Vss	86	I/O	P64
12	I/O	P93	37	I/O	P31	62	I	RESET	87	I/O	P65
13	—	Vss	38	I/O	P32	63	I	CS	88	I/O	P66
14	I/O	P94	39	I/O	P33	64	I	RD/RW	89	—	VDD
15	I/O	P95	40	—	Vss	65	I	WR/MEN	90	—	Vss
16	—	VDD	41	I/O	P34	66	I	A0	91	I/O	P67
17	I/O	P96	42	I/O	P35	67	I	A1	92	I/O	P70
18	I/O	P97	43	I/O	P36	68	I	A2	93	I/O	P71
19	—	Vss	44	I/O	P37	69	I	A3	94	I/O	P72
20	I/O	P10	45	I/O	P40	70	I	IOS0	95	I/O	P73
21	I/O	P11	46	I/O	P41	71	I	IOS1	96	I/O	P74
22	I/O	P12	47	I/O	P42	72	I	IOS2	97	I/O	P75
23	I/O	P13	48	I/O	P43	73	I	MS	98	I/O	P76
24	I/O	P14	49	I/O	P44	74	I/O	P50	99	I/O	P77
25	I/O	P15	50	I/O	P45	75	I/O	P51	100	I/O	P80



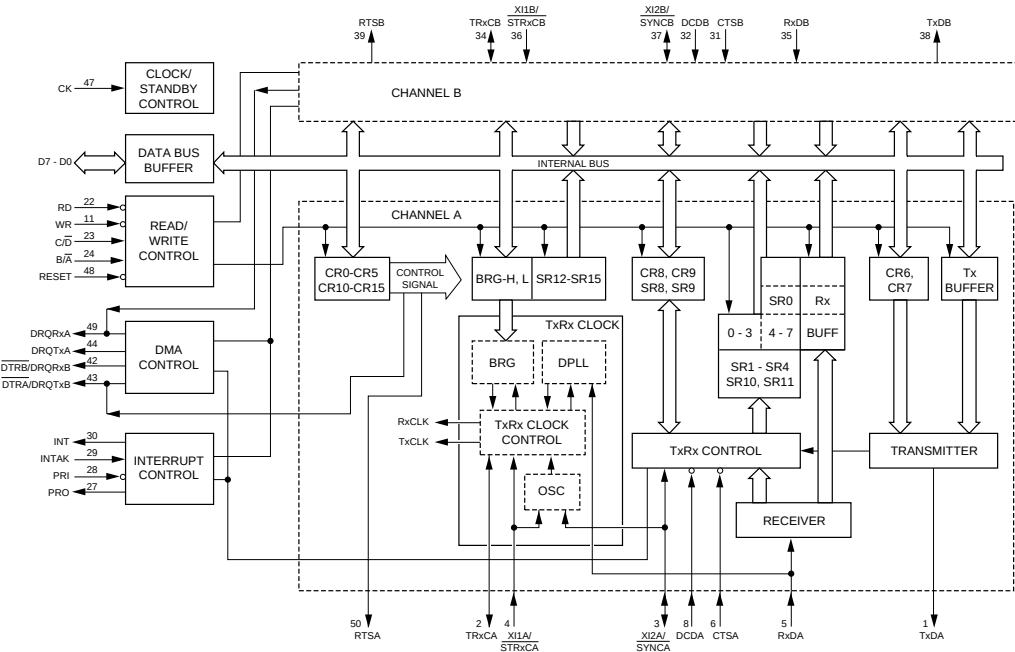
UPD72001GC-11-3B6 (NEC)

C-MOS ADVANCED MULTI-PROTOCOL SERIAL CONTROLLER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	TxDA	19	—	GND	37	I/O	X12B/SYNCB
2	I/O	TRxCA	20	—	GND	38	O	TxDB
3	I/O	X12A/SYNCA	21	I	WR	39	O	RTSB
4	I	X11A/STRxCA	22	I	RD	40	—	NC
5	I	RxDA	23	I	C/D	41	—	NC
6	I	CTSA	24	I	B/A	42	O	DTRB/DRQRxB
7	—	NC(OPEN)	25	—	NC	43	O	DTRA/DRQTxB
8	I	DCDA	26	—	NC	44	O	DRQTxA
9	I/O	D7	27	O	PRO	45	—	VDD
10	I/O	D6	28	I	PRI	46	—	VDD
11	I/O	D5	29	I	INTAK	47	I	CK
12	I/O	D4	30	O	INT	48	I	RESET
13	I/O	D3	31	I	CTSB	49	O	DRQRxA
14	—	NC	32	I	DCDB	50	O	RTSA
15	I/O	D2	33	—	NC(OPEN)	51	—	NC
16	—	NC	34	I/O	TRxCB	52	—	NC
17	I/O	D1	35	I	RxDB			
18	I/O	D0	36	I	X11B/STRxCB			



INPUTS				FUNCTION	
WR	RD	B/A	C/D		
0	1	0	0	CHANNEL A	WRITE (Tx/D)
		1		CHANNEL B	
1	0	0	0	CHANNEL A	READ (Rx/D)
		1		CHANNEL B	
0	1	0	1	CHANNEL A	WRITE (CONTROL REGISTER)
		1		CHANNEL B	
1	0	0	1	CHANNEL A	READ (STATUS REGISTER)
		1		CHANNEL B	
1	1	x	x	HIGH-IMPEDANCE	
0	0	x	x	INHIBIT	

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE.

CK : SYSTEM CLOCK INPUT
WR : WRITE ENABLE INPUT
RD : READ ENABLE INPUT
B/A : CHANNEL B/A SELECT INPUT
C/D : CONTROL/DATA SELECT INPUT
D0 - D7 : DATA BUS INPUTS/OUTPUTS
INT : INTERRUPT OUTPUT
INTAK : INTERRUPT ACKNOWLEDGE INPUT
PRI : PRIORITY INPUT
DRQTxA : DMA REQUEST Tx/A OUTPUT
DRQRxA : DMA REQUEST Rx/A OUTPUT
PRO : PRIORITY OUTPUT

DTRA/DRQTxB : DATA TERMINAL READY /DMA REQUEST Tx/B OUTPUT
DTRB/DRQRxB : DATA TERMINAL READY B/DMA REQUEST Rx/B OUTPUT
CTSA, CTSB : CLEAR TO SEND A/B INPUT
DCDA, DCDB : DATA CARRIER DETECT A/B INPUT
RTSA, RTSB : REQUEST TO SEND A/B OUTPUT
RESET : RESET INPUT

Section 2

Spare Parts

2-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked △ are critical to safe operation.
Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.

In need of repair, get components shown in the list and repair using them.

5. Destination Representation

The part indicated “For J/UC” in the spare parts list is used in the unit written below.

For J: The part is used in a unit for Japan.

For UC: The part is used in a unit for the U.S.A. and Canada.

2-2. Exploded Views

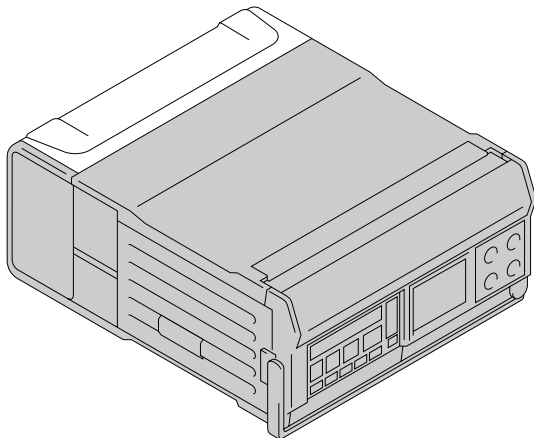
Index

Item	Title	Page
Upper panel Bottom plate Handle Panel (left) Battery lid	Top and bottom panels	2-4
Rear cabinet Battery retainer Battery connector	Battery case	2-6
Front panel Switch buttons Switch knobs	Front panel	2-8
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Display modules KY-315 board ADA-44 board SST-13 board	Front chassis and mounted circuit boards	2-12
VPR-53 board DPR-125 board DCP-22 board MB-825 board EQ-76 board Power assembly	Rear chassis and video boards	2-14
Cassette compartment	Cassette compartment	2-16
Reel table Slide link SE-510 board SE-435 board	S/T reel tables	2-18
Drum assembly Brush assembly (RP) Slip ring Reel motor Brake arm Drivig belt	Drum and S-side reel motor	2-20
CTL head FE head Video head cleaner Tape guide (S3)	CTL head and video head cleaner	2-22
Tension regulator S-side drawing arm Tape guide (S4,S5)	Tension regulator and S-side drawing arm	2-24
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Item	Title	Page
T-side rail T-side slider T-side catcher T-side threading gear Tape guide (T1,T2)	T-side threading link	2-28
CUE/TC head CUE brush Capstan motor	CUE/TC head and capstan motor	2-30
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Treading motor Gear block Manual eject gear	Threading motor and gear train	2-34
Pinch roller arm T-side drawing arm T link DET-36 board Tape guide (T3)	CUE link and pinch arm	2-36

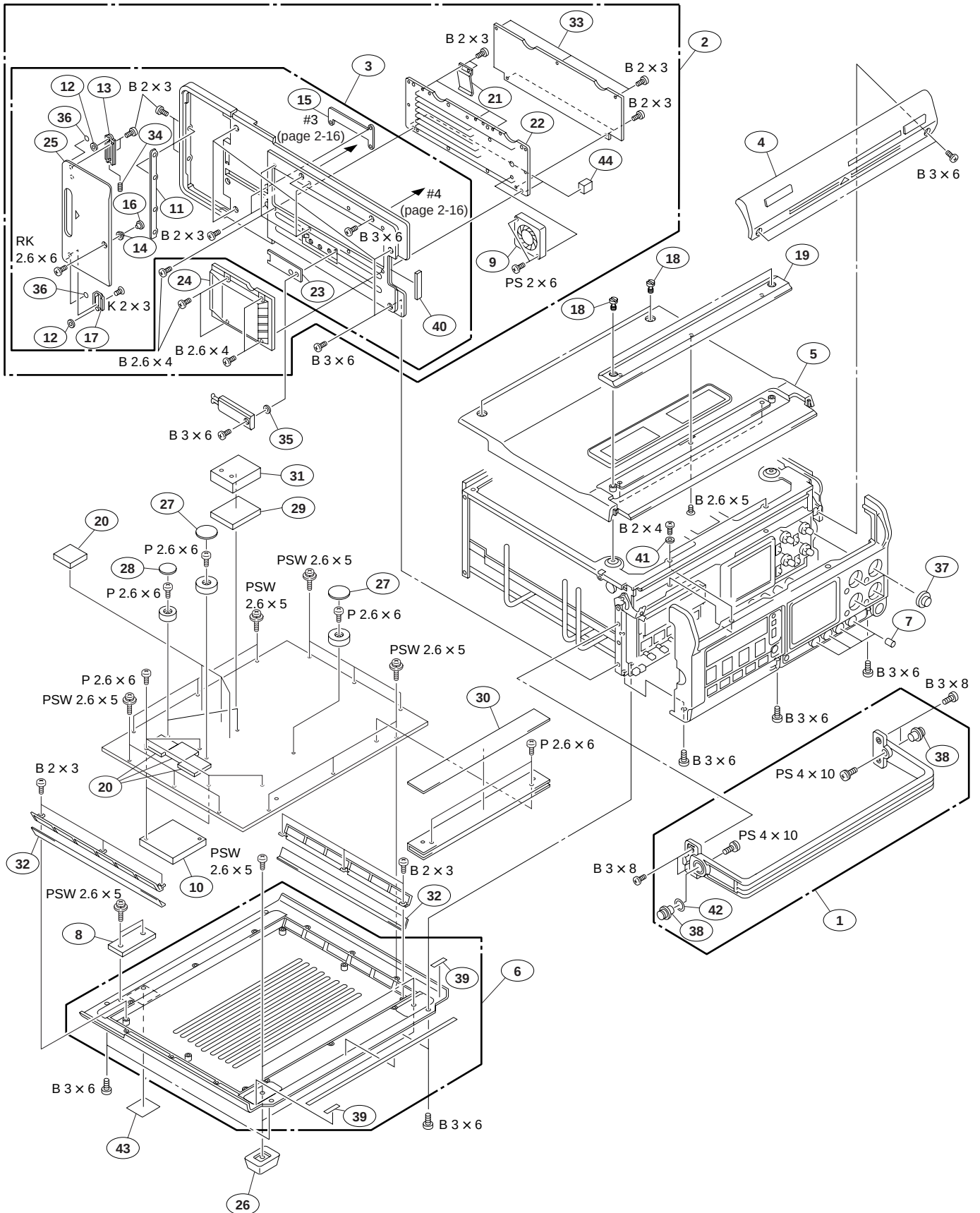
Top and Bottom Panels



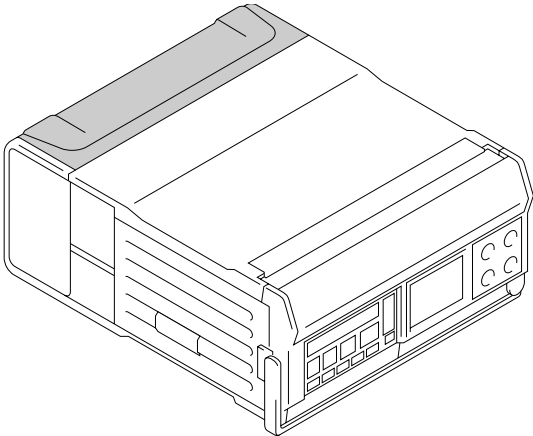
No.	Part No.	SP	Description
1	A-8278-239-A	o	HANDLE ASSY
2	A-8322-441-A	o	PANEL ASSY, LEFT
3	A-8322-442-A	o	PANEL SUB ASSY, LEFT
4	X-3605-473-1	o	COVER ASSY, FRONT
5	X-3605-476-1	o	PANEL SUB ASSY, UPPER
6	X-3605-546-2	o	PLATE SUB ASSY, BOTTOM
7	X-3664-208-0	s	KNOB, FADE
8	1-674-184-11	o	PRINTED CIRCUIT BOARD, CN-1926
9	1-698-987-11	s	MOTOR, DC FAN (FLAT TYPE)
10	1-763-126-11	s	FAN, D.C.
11	3-169-331-01	o	BRACKET, CABINET (REAR)
12	3-169-346-01	s	ROLLER (A)
13	3-169-347-05	o	HOLDER (B), ROLLER
14	3-169-348-02	s	ROLLER (B)
15	3-169-349-01	o	COVER, ROLLER
16	3-169-350-02	s	SHAFT, BT ROLLER
17	3-169-351-05	o	HOLDER (A), ROLLER
18	3-169-407-02	s	SCREW, LID
19	3-169-517-01	o	CUSHION (UPPER), ER
20	3-192-294-11	o	SHEET (SDI), RADIATION
21	3-622-315-01	o	SPRING (HP), LEAF
22	3-622-316-01	o	HP FIN
23	3-622-320-01	o	SHEET, PANEL, LEFT
24	3-622-322-01	o	COVER, FAN, LEFT
25	3-622-324-01	o	LID, BT
26	3-622-325-01	o	CUSHION, FB
27	3-622-327-01	o	SHEET (20), HEAT CONDUCTIVE
28	3-622-328-02	o	SHEET (16), HEAT CONDUCTIVE
29	3-622-329-01	o	SHEET (35X31), HEAT CONDUCTIVE
30	3-622-330-01	o	SHEET (190X24), HEAT CONDUCTIVE
31	3-622-331-02	o	SHEET (35X31), HEAT CONDUCTIVE, S
32	3-622-332-02	o	METAL NET
33	3-622-337-01	o	ADIABATIC SHEET, HP
34	3-644-718-00	s	SPRING, COMPRESSION
35	3-669-596-00	s	WASHER, 2.3
36	3-682-543-00	s	RETAINER, FLYWHEEL
37	3-691-399-01	s	KNOB, VR
38	3-693-977-01	o	SHAFT, HANDLE
39	3-694-129-01	o	CUSHION (S)
40	3-694-261-01	o	CUSHION, SIDE
41	3-701-437-01	s	WASHER PLASTIC (2.1X0.14)
42	3-728-663-01	s	RING, O
43	3-921-816-01	s	LABEL, NI-CD RECYCLE
44	9-911-842-99	s	CUSHION, RUBBER

Screws/Washers

7-621-284-20	s	SCREW +P2.6X6
7-621-555-10	s	SCREW +K 2X3
7-621-662-20	s	SCREW +RK 2.6X6
7-621-759-35	s	SCREW +PSW 2.6X5
7-621-772-00	s	SCREW +B2X3 (SWCH, BZN-N)
7-621-772-08	s	SCREW +B2X3 (SWCH, CR-N)
7-621-772-10	s	SCREW +B2X4
7-621-775-10	s	SCREW +B2.6X4
7-621-775-20	s	SCREW +B2.6X5
7-628-253-20	s	SCREW +PS 2X6
7-682-547-09	s	SCREW +B3X6
7-682-548-09	s	SCREW +B 3X8
7-682-662-09	s	SCREW +PS 4X10
7-682-903-11	s	SCREW +PWH 3X6



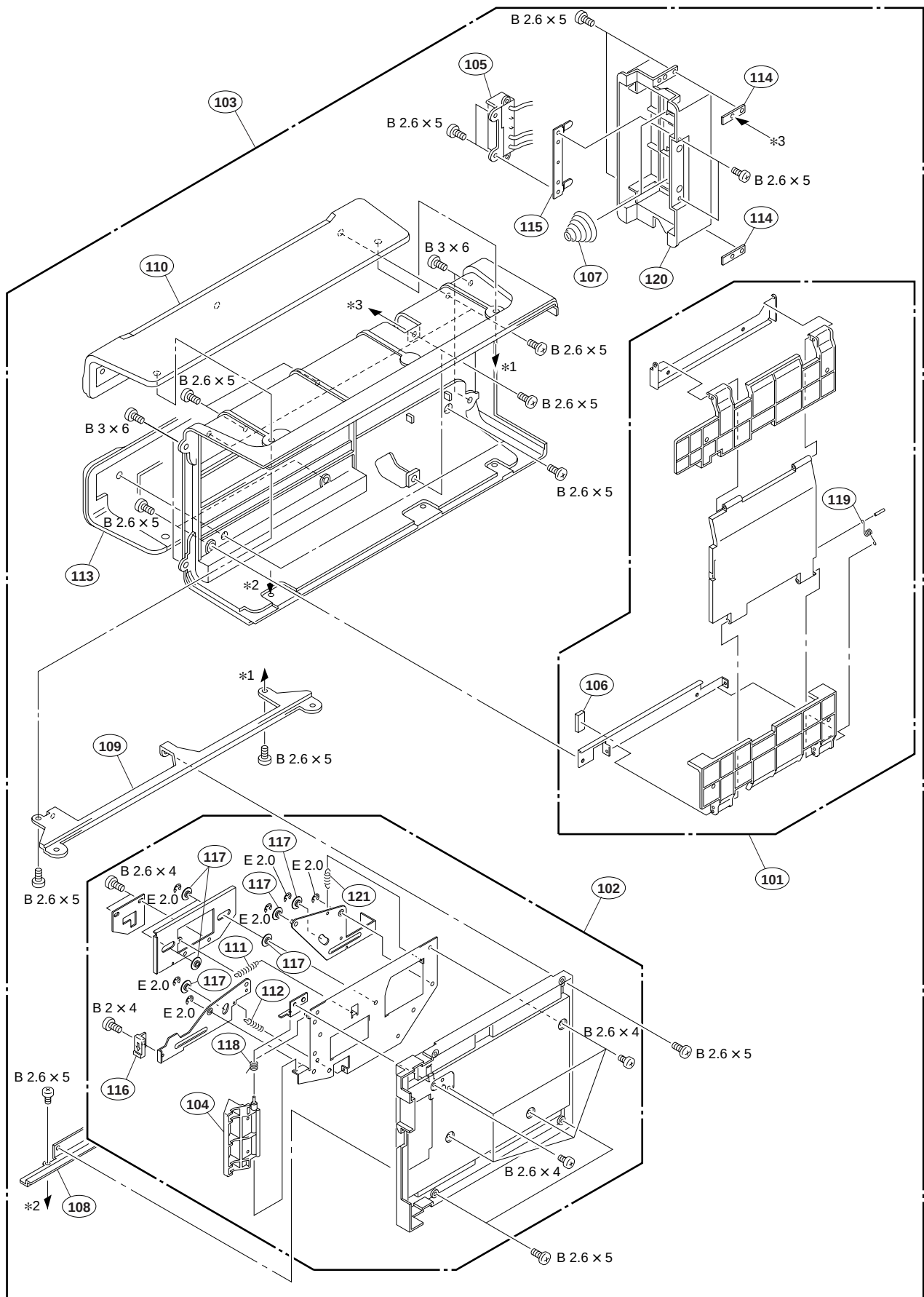
Battery Case



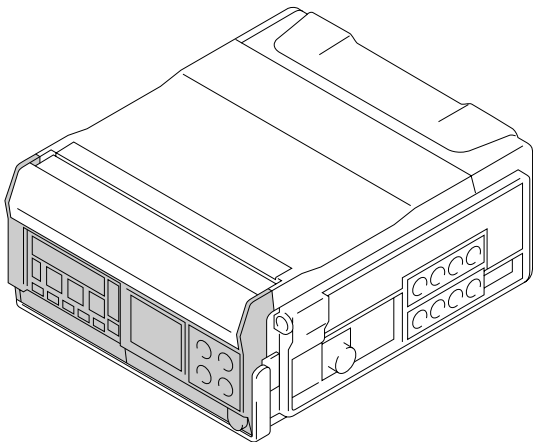
No.	Part No.	SP	Description
101	A-8278-224-D	o	PARTITION ASSY
102	A-8278-225-H	o	PARTITION ASSY, CASE
103	A-8322-043-A	o	CABINET ASSY, REAR
104	X-3678-499-1	s	ARM ASSY, LOCK
105	1-959-844-12	o	HARNESS, SUB (BATT-CON2)
106	2-389-320-01	o	CUSHION
107	3-169-424-01	s	SPRING, COMPRESSION
108	3-169-437-04	o	BRACKET (B), BT
109	3-169-543-01	o	BRACKET (A), BT
110	3-169-570-01	o	CUSHION (A)
111	3-308-704-00	s	SPRING, TENSION
112	3-328-345-01	s	SPRING, TENSION
113	3-622-326-02	o	CUSHION, RB
114	3-691-393-01	o	BRACKET, CASE
115	3-691-394-01	o	BRACKET, CONNECTOR
116	3-691-518-01	o	PUSH BUTTON
117	3-691-526-01	o	ROLLER
118	3-691-534-02	o	SPRING(2), RETURN, ARM
119	3-691-535-01	o	SPRING(4), RETURN, ARM
120	3-691-595-02	o	RETAINER BATTERY
121	4-606-856-01	s	SPRING, TENSION

Screws/Washers

7-621-772-10	s	SCREW +B2X4
7-621-775-10	s	SCREW +B2.6X4
7-621-775-20	s	SCREW +B2.6X5
7-624-104-04	s	STOP RING, E-2
7-682-547-09	s	SCREW +B3X6



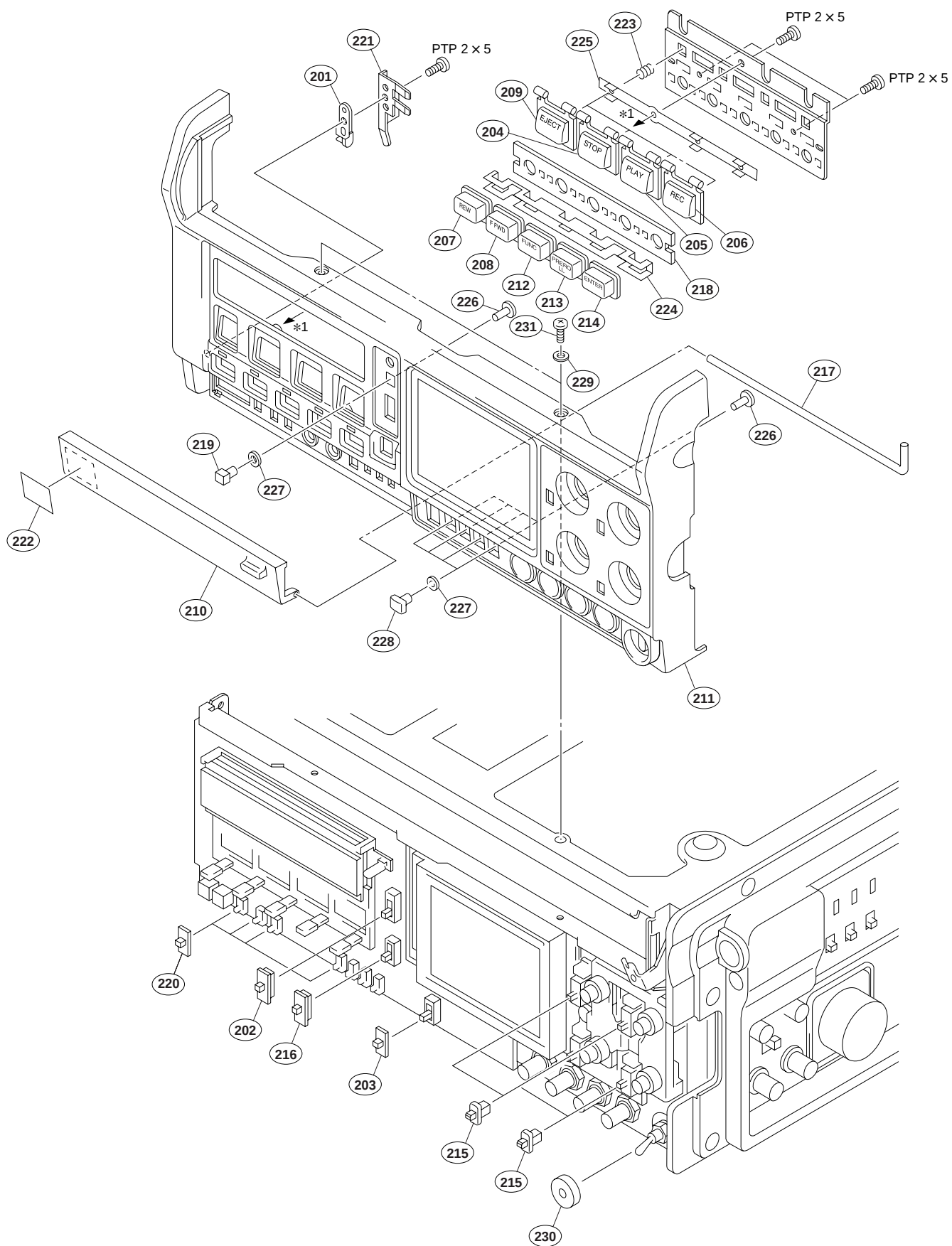
Front Panel



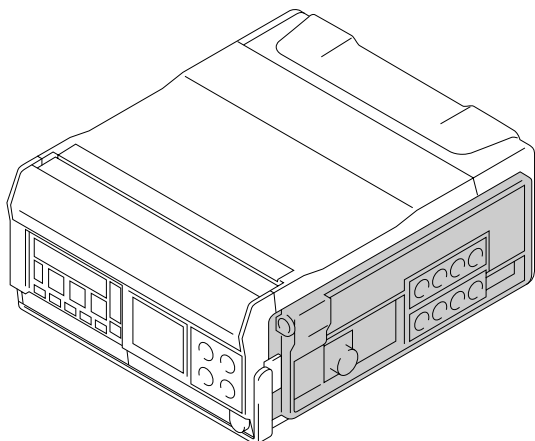
No.	Part No.	SP	Description
201	X-3165-755-1	o	RETAINER ASSY, TOGGLE
202	X-3165-862-1	s	KNOB ASSY (3P)
203	X-3165-863-1	s	KNOB ASSY (2P)
204	X-3166-129-1	o	BUTTON ASSY (STOP)
205	X-3166-130-1	o	BUTTON ASSY (PLAY)
206	X-3166-131-1	o	BUTTON ASSY (REC)
207	X-3166-132-1	o	BUTTON ASSY (REW)
208	X-3166-133-1	o	BUTTON ASSY (F FWD)
209	X-3166-137-1	o	BUTTON ASSY (EJECT)
210	X-3605-474-1	o	COVER(HDW) ASSY, TC
211	X-3605-475-2	o	PANEL SUB ASSY, FRONT
212	X-3605-477-1	o	ASSY, BUTTON(FUNC)
213	X-3605-478-1	o	ASSY, BUTTON(PREROLL)
214	X-3605-479-1	o	ASSY, BUTTON(ENTER)
215	X-3678-392-1	o	KNOB ASSY, SELECTION
216	X-3719-113-1	s	KNOB ASSY
217	3-169-388-01	o	SHAFT, TC COVER
218	3-169-389-01	o	CUSHION, KEY
219	3-169-390-01	s	BUTTON, RESET
220	3-170-161-01	s	KNOB, SW
221	3-173-283-02	o	PLATE, GROUND, FP
222	3-184-994-03	o	ISR STICKER (S)
223	3-571-850-02	s	SPRING, COMPRESSION
224	3-622-672-01	o	PLATE, SHIELD, LED
225	3-622-673-01	o	PLATE2, SHIELD, LED
226	3-686-085-01	o	PIN, PUSH BUTTON
227	3-686-086-01	o	CUSHION, BUTTON
228	3-691-507-01	o	BUTTON, MENU
229	3-701-437-21	s	WASHER, PLASTIC (2.1X0.5)
230	3-729-007-01	o	PLATE, ORNAMENTAL, TOGGLE SWITCH
231	3-742-886-01	s	SCREW (M2X4)

Screws/Washers

7-685-103-19	s	SCREW +PTP 2X5
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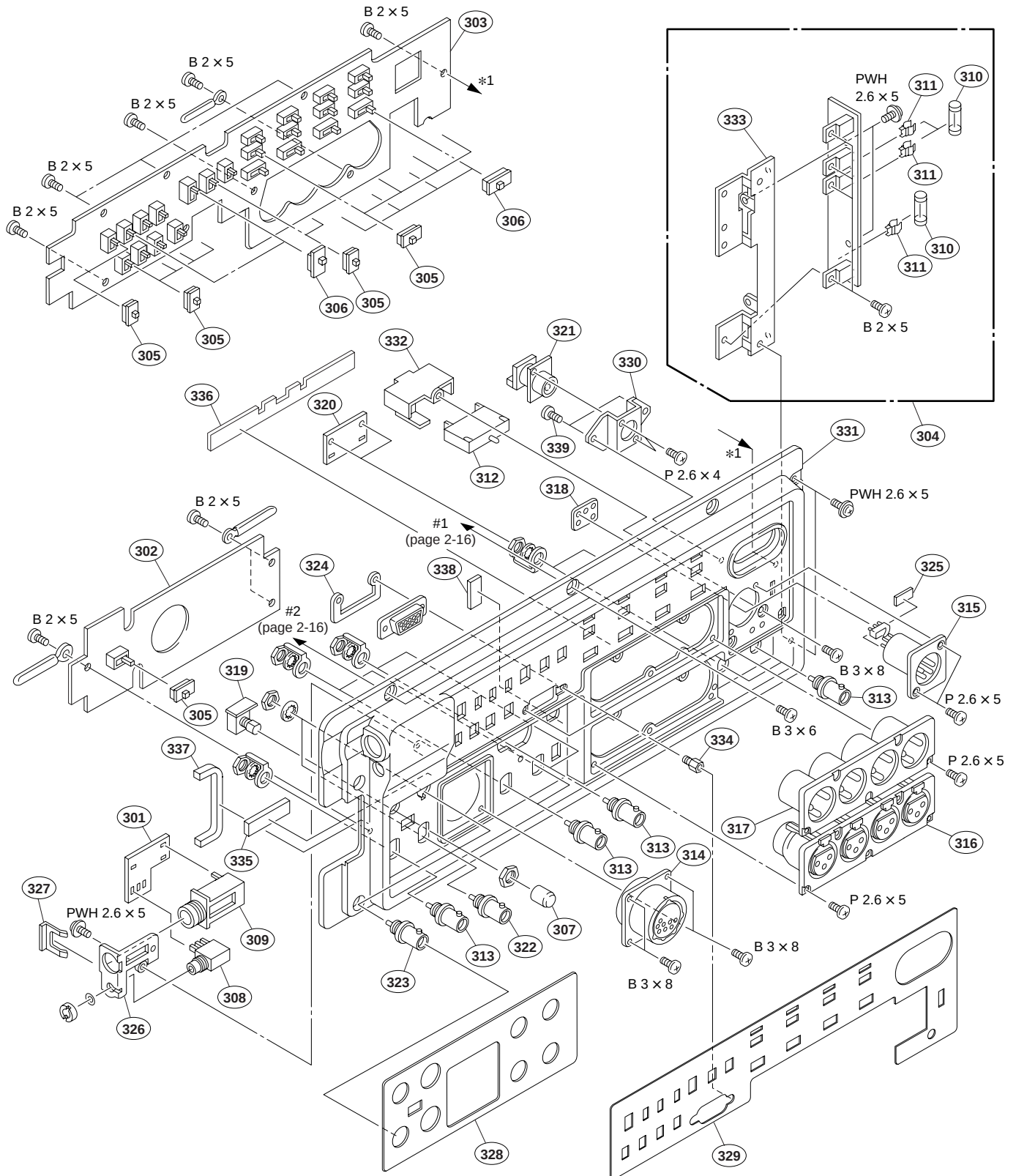
Connector Panel



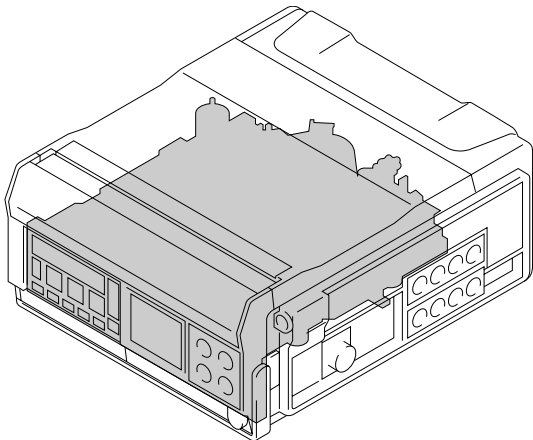
No.	Part No.	SP	Description
301	A-8321-342-A	o	MOUNTED CIRCUIT BOARD, DUS-173
302	A-8321-355-A	o	MOUNTED CIRCUIT BOARD, CC-82
303	A-8321-356-A	o	MOUNTED CIRCUIT BOARD, CP-337
304	A-8321-357-A	o	MOUNTED CIRCUIT BOARD, FU-76
305	X-3166-331-1	s	KNOB ASSY (2 POSI)
306	X-3166-332-1	s	KNOB ASSY (3 POSI)
307	X-3682-814-0	s	KNOB ASSY, CONTROL
308	1-507-743-21	s	JACK, STEREO MINI
309	1-507-863-51	s	JACK, LARGE TYPE (6.4)
310	△ 1-532-747-11	s	FUSE, GLASS 5A/125V (20MM)(F1/F3)
	△ 1-576-048-11	s	FUSE, GLASS 10A/125V (20MM)(F2)
311	1-533-189-11	s	HOLDER, FUSE
312	△ 1-533-951-11	s	BREAKER
313	1-561-336-00	s	CONNECTOR, COAXIAL
314	1-562-245-11	o	CONNECTOR(RECEPTACLE), 26P
315	1-564-603-11	s	CONNECTOR(WITH DC SW) 4P
316	1-566-616-11	s	CONNECTOR, XLR (F) (4 GANG)
317	1-566-617-11	s	CONNECTOR, XLR (M) (4 GANG)
318	1-658-773-11	o	PRINTED CIRCUIT BOARD, DC-85
319	1-673-089-11	o	PRINTED CIRCUIT BOARD, VR-254
320	1-673-090-11	o	PRINTED CIRCUIT BOARD, CN-1752
321	1-673-091-11	o	PRINTED CIRCUIT BOARD, CN-1795
322	1-790-715-11	s	CABLE ASSY, COAXIAL
323	1-790-716-11	s	CABLE ASSY, COAXIAL
324	2-139-018-01	s	PLATE, NUT
325	2-389-320-01	o	CUSHION
326	3-169-382-02	o	BRACKET, HEADPHONE
327	3-169-384-01	o	PLATE, SNAP
328	3-617-704-01	o	SHEET(S), CONNECTOR PANEL
329	3-617-705-01	o	SHEET(L), CONNECTOR PANEL (FOR J)
	3-623-281-01	o	SHEET(L), CONNECTOR PANEL (FOR UC)
330	3-617-706-01	o	REMOTE BRACKET
331	3-617-724-01	o	PANEL, CONNECTOR
332	3-617-730-02	o	BRACKET, BREAKER
333	3-622-892-01	o	BRACKET, PANEL
334	3-673-910-31	s	SCREW, CONNECTOR
335	3-694-193-01	o	CUSHION, SOUNDPROOF 1
336	3-694-194-01	o	CUSHION, SOUNDPROOF 2
337	3-694-261-01	o	CUSHION, SIDE
338	9-911-838-99	s	CUSHION, MIC
339	7-627-553-37	s	SCREW, PRECISION +P2X3

Screws/Washers

7-621-259-39	s	SCREW +P 2.6X5
7-621-771-06	s	SCREW +B2X5
7-627-556-38	s	SCREW +P2.6X4
7-682-547-09	s	SCREW +B3X6
7-682-548-04	s	SCREW +B3X8
7-682-902-11	s	SCREW +PWH 2.6X5



Front Chassis and Mounted Circuit Boards

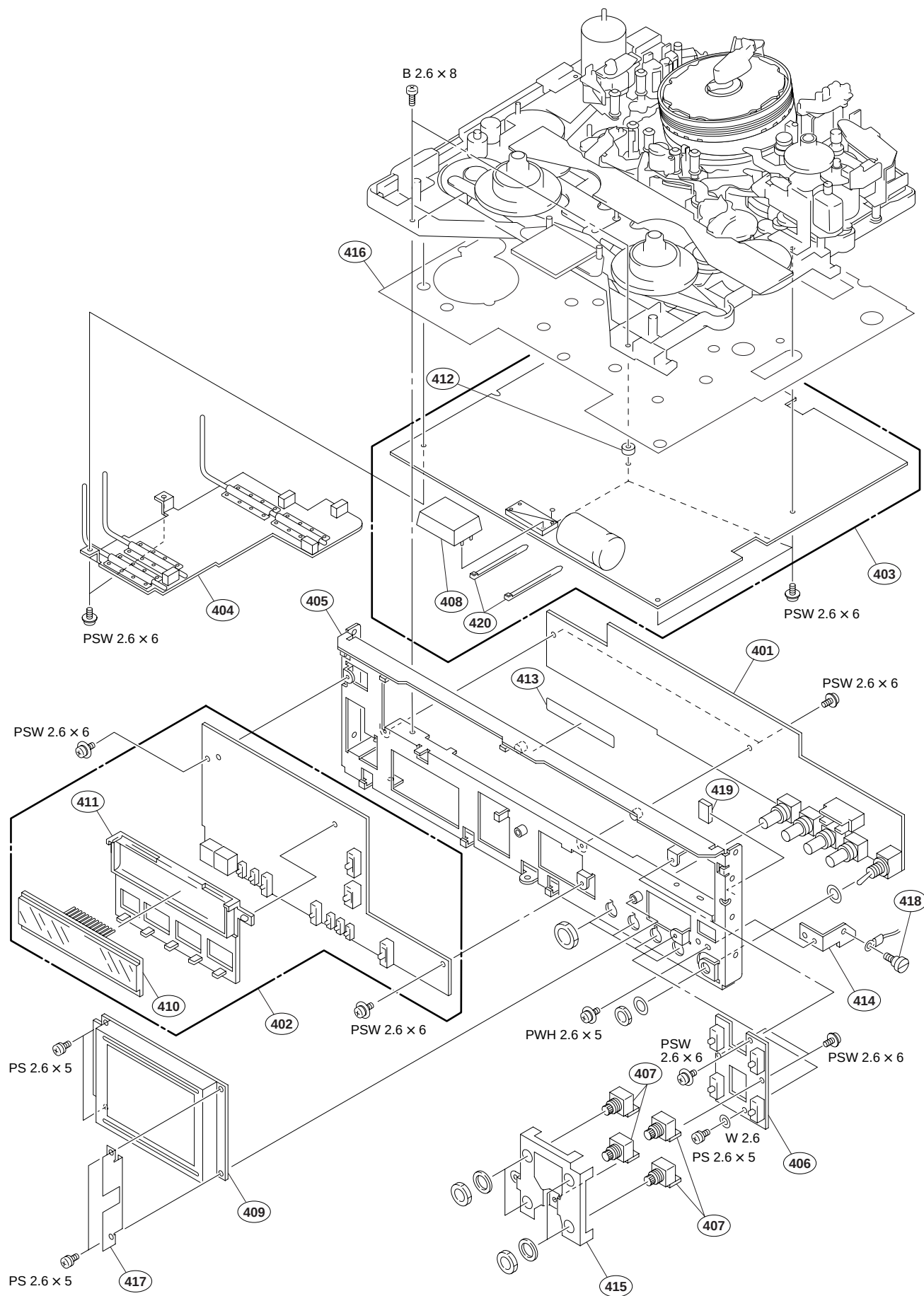


No.	Part No.	SP	Description
401	A-8276-930-A	o	MOUNTED CIRCUIT BOARD, ADA-44
402	A-8276-948-A	o	MOUNTED CIRCUIT BOARD, KY-315
403	A-8321-354-A	o	MOUNTED CIRCUIT BOARD, SST-13
404	X-3605-545-1	o	IC PLATE ASSY
405	X-3678-391-7	o	CHASSIS,FRONT ASSY
406	1-657-808-11	o	PRINTED CIRCUIT BOARD, VR-194
407	1-657-809-11	o	PRINTED CIRCUIT BOARD, VR-206
408	△ 1-767-156-11	s	OSCILLATOR, CRYSTAL (IN BATTERY)
409	1-801-022-11	s	DISPLAY MODULE, LIQUID CRYSTAL
410	1-809-345-11	s	DISPLAY PANEL, LIQUID CRYSTAL
411	3-169-546-02	o	HOLDER, LCD
412	3-545-567-00	s	TIRE, FF
413	3-622-367-01	o	SHIELD,ANTENNA
414	3-691-395-03	o	PLATE,FIXED BOARD
415	3-691-398-01	o	PLATE,BRACKET VOLUME
416	3-691-580-03	o	INSULATOR, SST
417	3-695-882-01	o	PLATE,SHIELD
418	4-950-558-02	o	SCREW (S)
419	9-911-845-99	s	CUSHION,METER
420	3-701-991-01	o	BAND,BINDING

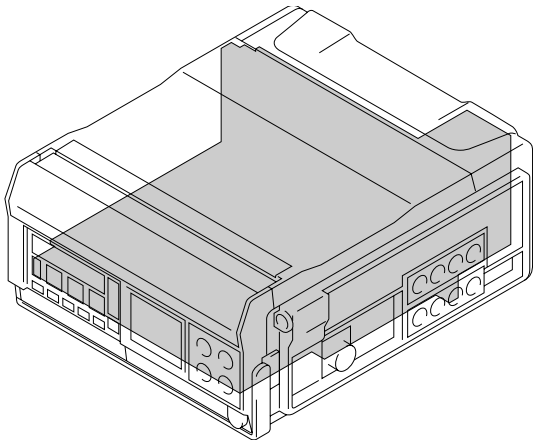
Screws/Washers

7-621-759-40	s	SCREW +PSW 2.6X6
7-621-775-40	s	SCREW +B 2.6X8
7-628-254-00	s	SCREW +PS 2.6X5
7-682-902-11	s	SCREW +PWH 2.6X5
7-688-002-03	s	WASHER 2.6





Rear Chassis and Video Boards

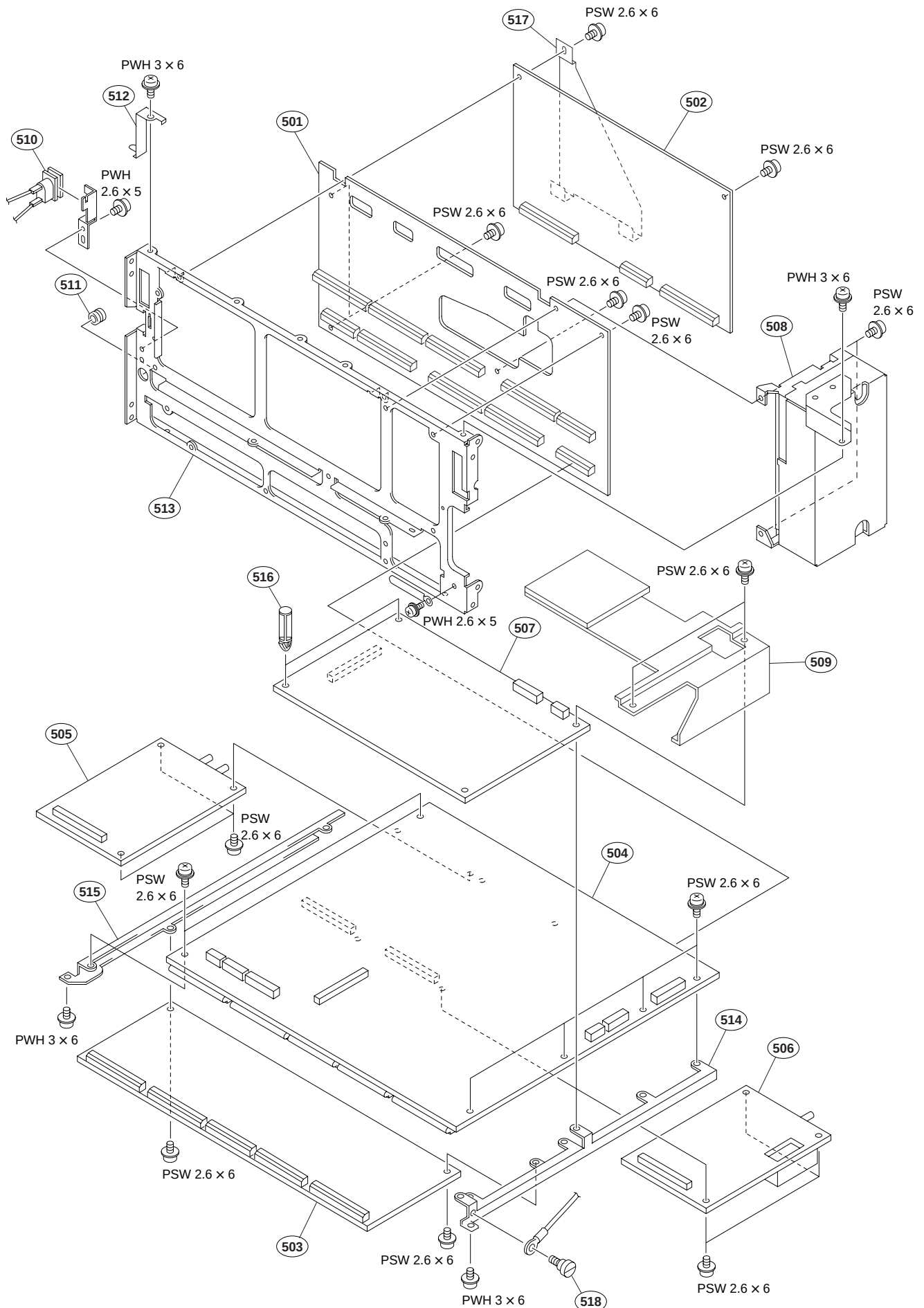


No.	Part No.	SP	Description
501	A-8321-338-A	o	MOUNTED CIRCUIT BOARD, MB-825
502	A-8321-353-A	o	MOUNTED CIRCUIT BOARD, EQ-76
503	A-8321-709-A	s	MOUNTED CIRCUIT BOARD, DPR-125
504	A-8321-710-A	s	MOUNTED CIRCUIT BOARD, VPR-53
505	A-8321-887-A	o	MOUNTED CIRCUIT BOARD, TX-68A
506	A-8321-889-A	o	MOUNTED CIRCUIT BOARD, RX-46A
507	A-8321-959-A	s	MOUNTED CIRCUIT BOARD, DCP-22
508	A-8322-042-A	s	POWER ASSY
509	X-3605-604-2	o	HEAT SINK ASSY,DCP
510	1-507-905-11	s	JACK, DC
511	2-377-709-00	o	BUSHING, RUBBER
512	3-177-802-01	o	LUG, GROUND
513	3-617-707-01	o	CHASSIS, REAR
514	3-617-708-01	o	PB HOLDER (R)
515	3-617-709-02	o	PB HOLDER (L)
516	3-622-338-01	o	HOLDER, PC BOARD
517	3-622-455-01	o	PLATE, BLIND
518	4-950-558-02	o	SCREW (S)

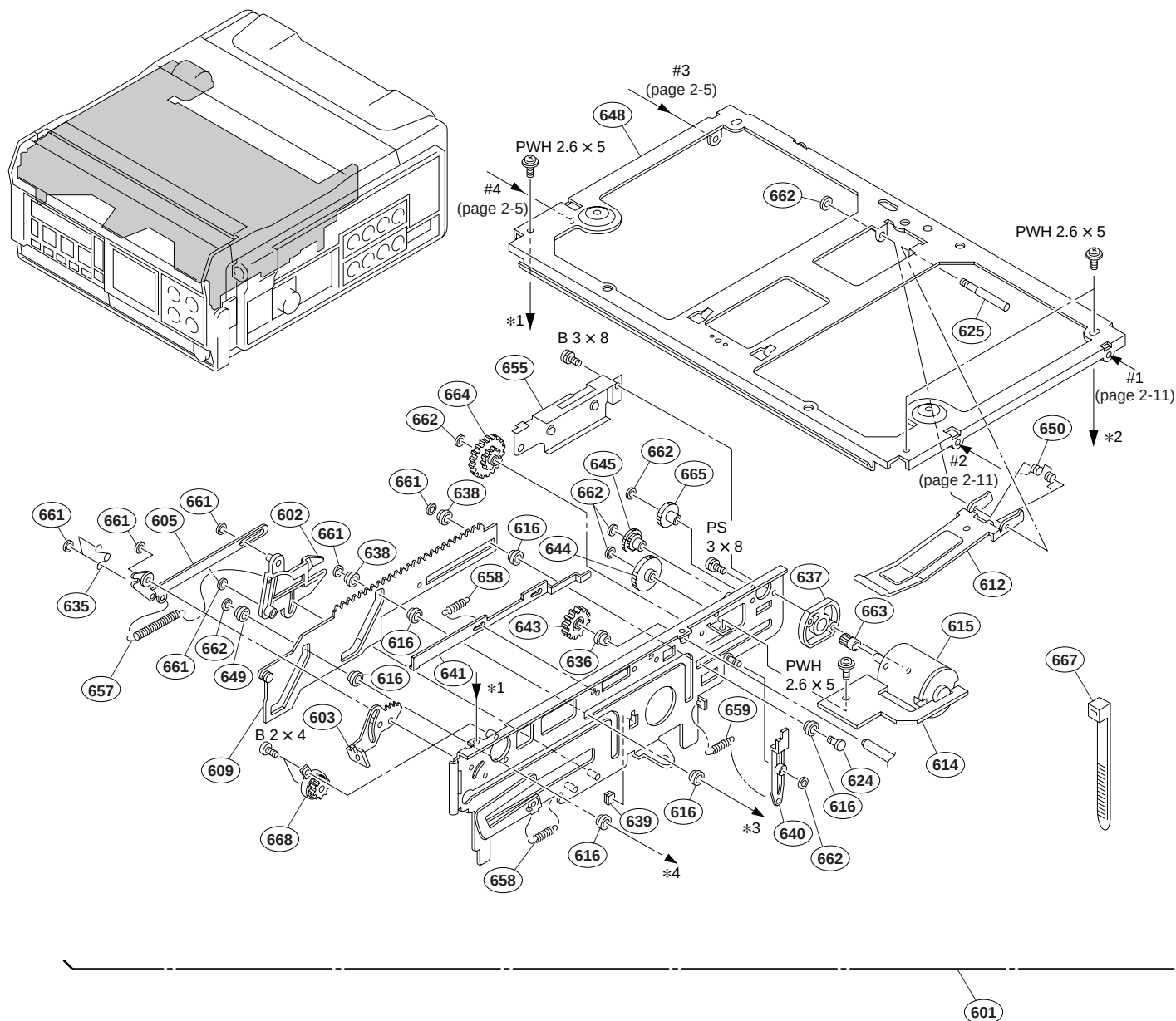
Screws/Washers

7-621-759-40	s	SCREW +PSW 2.6X6
7-682-902-11	s	SCREW +PWH 2.6X5
7-682-903-11	s	SCREW +PWH 3X6

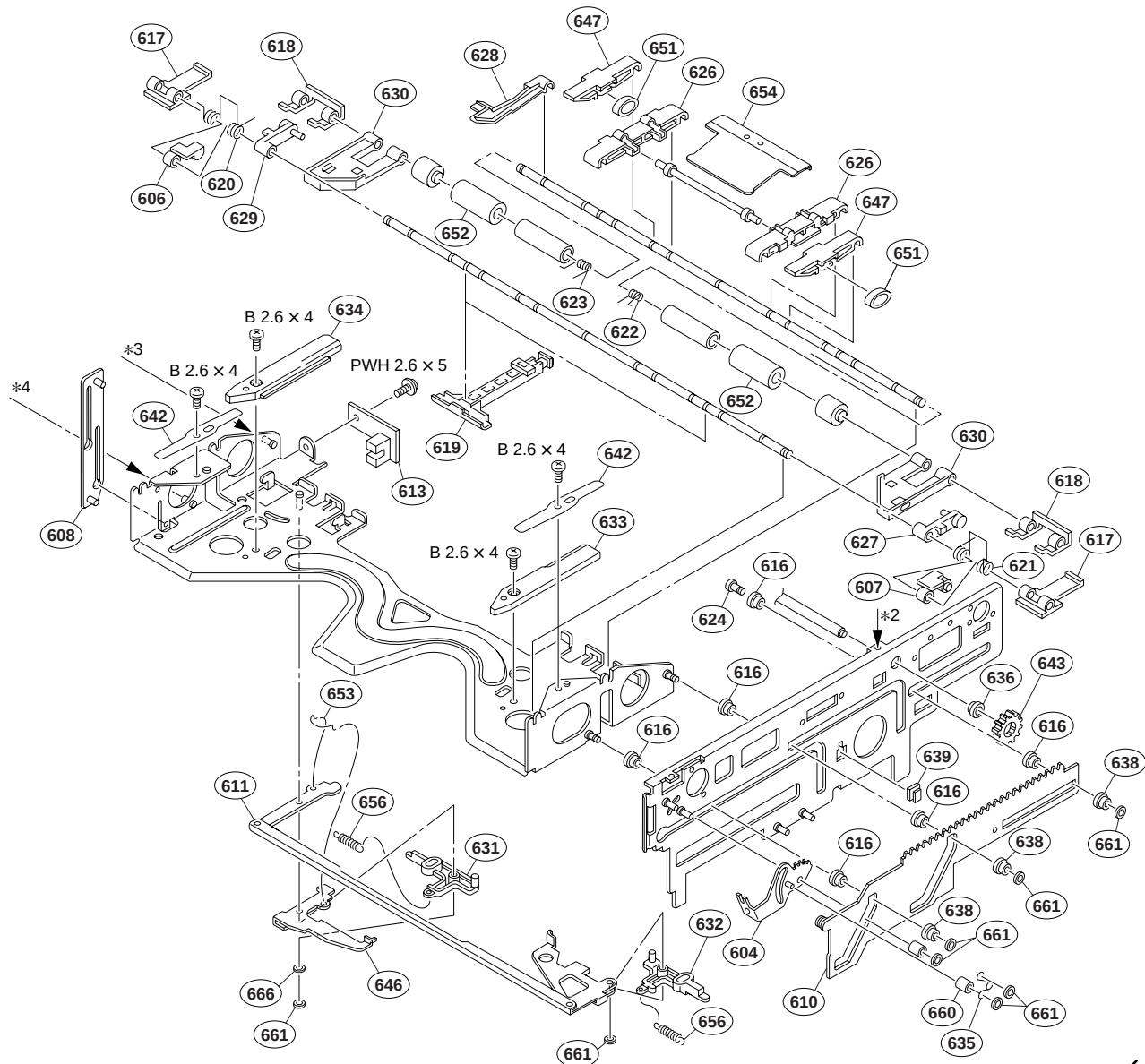
Rear Chassis and Video Boards



Cassette Compartment



No.	Part No.	SP Description	No.	Part No.	SP Description
601	A-8269-732-D	s CASSETTE COMPARTMENT ASSY	621	3-169-443-02	o SPRING (L), S GUIDE
602	X-3165-739-1	o CAM (L) ASSY	622	3-169-444-01	o SPRING (R), DETECTION
603	X-3165-740-1	o ARM (L) ASSY, FF	623	3-169-445-01	o SPRING (L), DETECTION
604	X-3165-741-1	o ARM (R) ASSY, FF	624	3-169-456-01	o SHAFT (R), ROLLER
605	X-3165-742-1	o ARM (L) ASSY, SWITCHING	625	3-169-457-01	o SHAFT, ARM, LOCK
606	X-3165-744-2	o ARM (L) ASSY	626	3-169-458-02	o ARM, JOINT
607	X-3165-745-2	o ARM (R) ASSY	627	3-169-459-01	o ARM (R), LIFT
608	X-3165-746-3	o ARM ASSY, RACK DRIVING	628	3-169-460-01	o ARM, L DETECTION
609	X-3165-747-4	o RACK (L) ASSY, C	629	3-169-461-01	o ARM (L), LIFT
610	X-3165-748-4	o RACK (R) ASSY, C	630	3-169-462-01	o PLATE, GUIDE, S
611	X-3165-770-2	o LEVER (R) ASSY, PUSH-OUT	631	3-169-463-03	o ARM (L), PUSH-OUT
612	X-3167-893-1	o ARM ASSY, C LOCK	632	3-169-464-03	o ARM (R), PUSH-OUT
613	1-638-701-12	o PRINTED CIRCUIT BOARD, CS-25	633	3-169-466-03	o GUIDE (R), CASSETTE
614	1-638-702-11	o PRINTED CIRCUIT BOARD, CS-26	634	3-169-467-01	o GUIDE (L), CASSETTE
615	1-698-335-11	s MOTOR, DC (SVD-1489)	635	3-169-468-02	o SPRING (A), TOGGLE
616	3-169-352-02	o ROLLER (A), C	636	3-169-469-01	o BEARING
617	3-169-439-01	o RETAINER (LR), CASSETTE	637	3-169-470-02	o WASHER, C MOTOR
618	3-169-440-01	o RETAINER (LF), CASSETTE	638	3-169-471-01	s ROLLER (B), C
619	3-169-441-01	o RETAINER (S), CASSETTE	639	3-169-472-01	o CAM, PUSH-OUT
620	3-169-442-02	o SPRING (R), S GUIDE	640	3-169-473-01	o SHUTTER, C DOWN



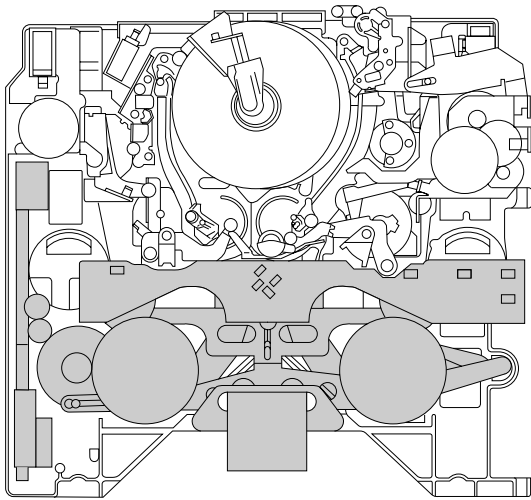
No.	Part No.	SP Description
641	3-169-474-02	o SHUTTER, C UP
642	3-169-475-03	o SPRING, CASSETTE RETAINER
643	3-169-477-02	s GEAR (5), C
644	3-169-479-03	s GEAR (3), C
645	3-169-480-04	s GEAR (2), C
646	3-169-482-02	o LEVER (L), PUSH-OUT
647	3-169-499-03	o LEVER, CORRECTION DETECTION
648	3-169-557-11	o STAY, C
649	3-170-821-01	s ROLLER (C), C
650	3-170-823-02	s SPRING, LOCK ARM
651	3-172-394-01	o SPACER, RUBBER
652	3-172-873-01	s ROLLER, CASSETTE RETAINER
653	3-172-874-02	s SPRING, C IN SHUTTER
654	3-172-876-03	o SPRING (A), C STOPPER
655	3-178-212-02	s SUPPORT, SHAFT, C GEAR
656	3-515-167-00	s SPRING, TENSION
657	3-556-464-00	s SPRING, TENSION
658	3-578-388-00	s SPRING
659	3-646-214-00	s SPRING
660	3-657-841-01	s SPACER (DIA 2X2)

No.	Part No.	SP Description
661	3-669-465-01	s WASHER(1.5), STOPPER
662	3-676-387-00	s POLY-SLIDER (DIA 1.6)
663	3-694-266-01	s GEAR, C PINION
664	3-694-286-01	s GEAR, C4
665	3-695-848-01	s GEAR, C1
666	3-701-437-01	s WASHER PLASTIC (2.1X0.14)
667	3-701-991-01	o BAND, BINDING
668	3-712-786-11	s DAMPER, OIL

Screws/Washers

7-621-772-18	s SCREW +B 2X4
7-621-775-10	s SCREW +B2.6X4
7-682-548-04	s SCREW +B3X8
7-682-648-09	s SCREW +PS 3X8
7-682-902-11	s SCREW +PWH 2.6X5

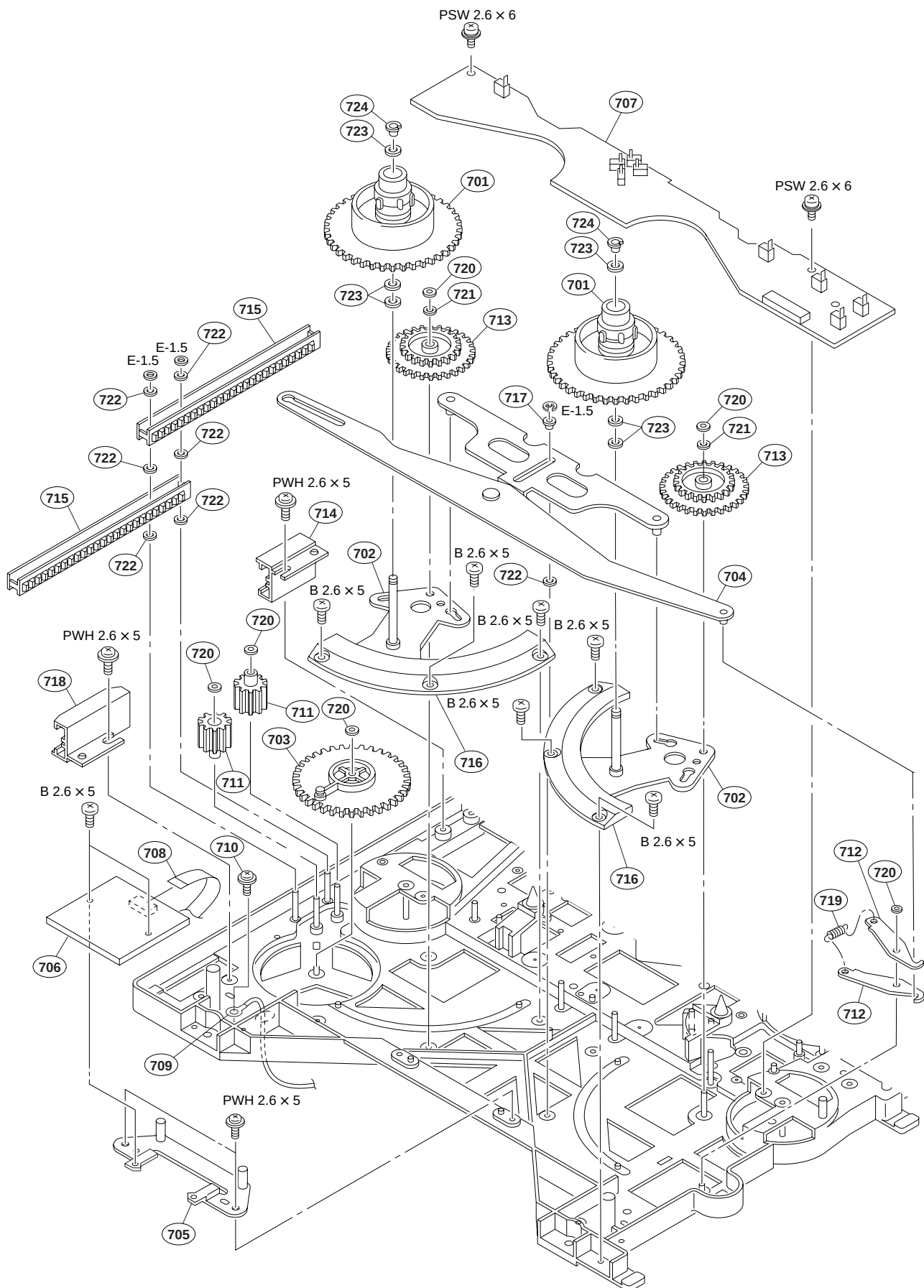
S/T Reel Tables



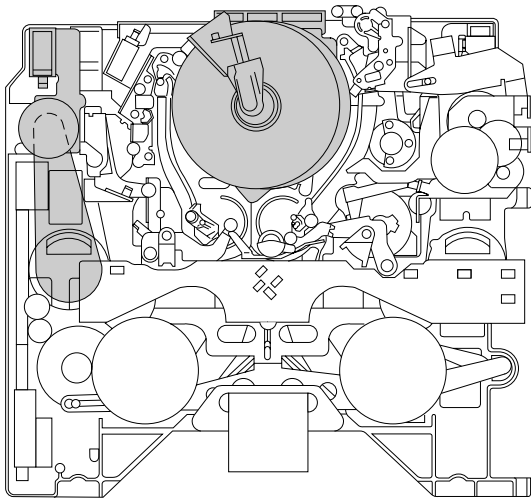
No.	Part No.	SP	Description
701	A-6739-095-A	s	TABLE ASSY, REEL
702	X-3165-760-1	o	ARM ASSY, REEL
703	X-3165-763-1	s	GEAR ASSY, OSCILLATION
704	X-3165-775-2	o	LINK ASSY, SLIDE
705	X-3605-472-2	o	BASE ASSY, C SUPPORT
706	1-669-823-11	o	PRINTED CIRCUIT BOARD, SE-435
707	1-673-075-11	o	PRINTED CIRCUIT BOARD, SE-510
708	1-690-131-11	s	CORD, CONNECTION (FLAT TYPE)
709	1-810-573-11	s	SENSOR, DEW CONDENSATION
710	2-640-315-01	o	SCREW(M2X5), SMALL
711	3-169-500-01	s	GEAR, IDLE
712	3-169-501-02	o	PLATE, LIMITER
713	3-169-504-01	s	GEAR, RELAY
714	3-169-509-01	s	RAIL, GUIDE
715	3-169-511-01	o	RACK, DRIVING
716	3-169-512-03	o	RETAINER, REEL ARM
717	3-171-987-01	s	ROLLER (G)
718	3-172-123-01	s	RAIL (F), GUIDE
719	3-549-014-00	s	SPRING
720	3-676-387-00	s	POLY-SLIDER (DIA 1.6)
721	3-701-437-11	s	WASHER PLASTIC (2.1X0.25)
722	3-701-437-21	s	WASHER, PLASTIC (2.1X0.5)
723	3-701-439-11	s	WASHER PLASTIC (3.1X0.25)
724	3-703-074-01	s	CAP 3, SHAFT

Screws/Washers

7-621-759-40	s	SCREW +PSW 2.6X6
7-621-775-20	s	SCREW +B2.6X5
7-624-102-04	s	RING, (E, 1.5)
7-682-902-11	s	SCREW +PWH 2.6X5



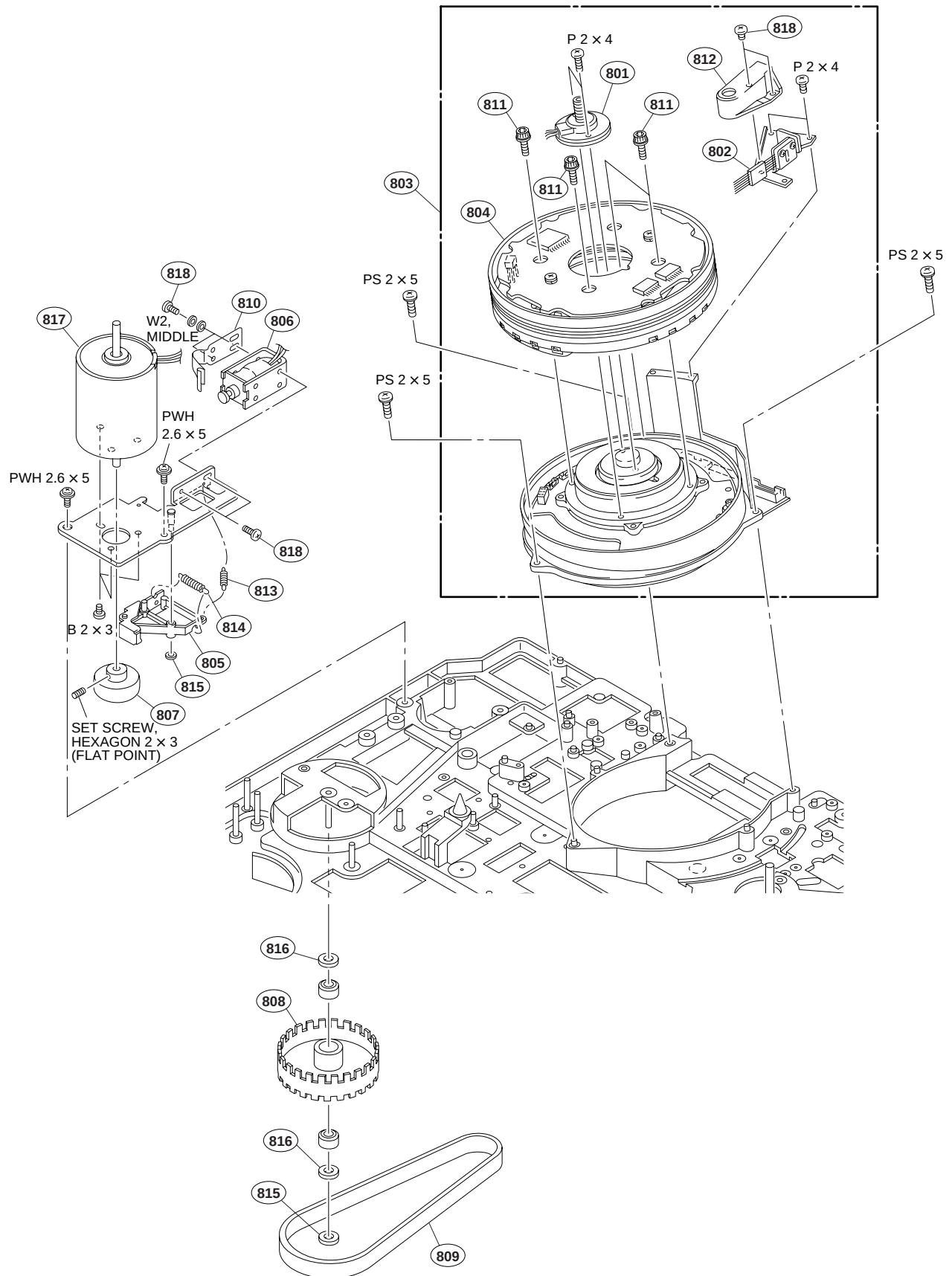
Drum and S-side Reel Motor



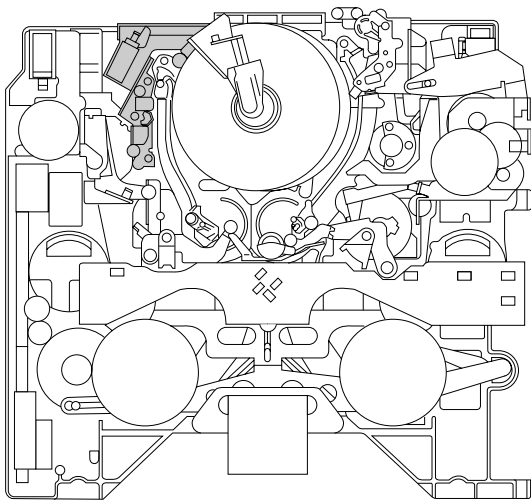
No.	Part No.	SP	Description
801	A-8263-855-A	s	RING ASSY (RP), SLIP
802	A-8263-856-A	s	BRUSH ASSY (RP)
803	A-8316-736-B	s	DRUM ASSY, DHH-04A-R
804	A-8316-738-B	s	UPPER DRUM, DHR-04-R
805	X-3165-731-2	s	ARM ASSY, BRAKE
806	1-454-334-51	s	SOLENOID, PLUNGER
807	3-169-370-03	o	PULLEY, MOTOR
808	3-169-503-03	s	PULLEY (B), RELAY
809	3-172-003-01	s	BELT, DRIVING
810	3-173-411-01	s	SPRING, BRAKE PLATE
811	3-185-531-01	s	BOLT M 2X8, W HEXAGON
812	3-185-532-01	o	COVER, BRUSH
813	3-307-374-00	s	SPRING, TENSION
814	3-642-482-00	s	SPRING, COMPRISSION
815	3-676-387-00	s	POLY-SLIDER (DIA 1.6)
816	3-701-437-01	s	WASHER PLASTIC (2.1X0.14)
817	8-835-441-01	s	MOTOR(R432276751A)DC 10W UNDER
818	7-627-553-17	s	SCREW, PRECISION +P2X2

Screws/Washers

7-621-732-08	s	SET-SCREW, HEX 2X3 (FLAT)
7-621-772-08	s	SCREW +B2X3
7-628-253-15	s	SCREW +PS 2X5
7-682-902-11	s	SCREW +PWH 2.6X5
7-688-001-12	s	WASHER W2 (M)



CTL Head and Video Head Cleaner

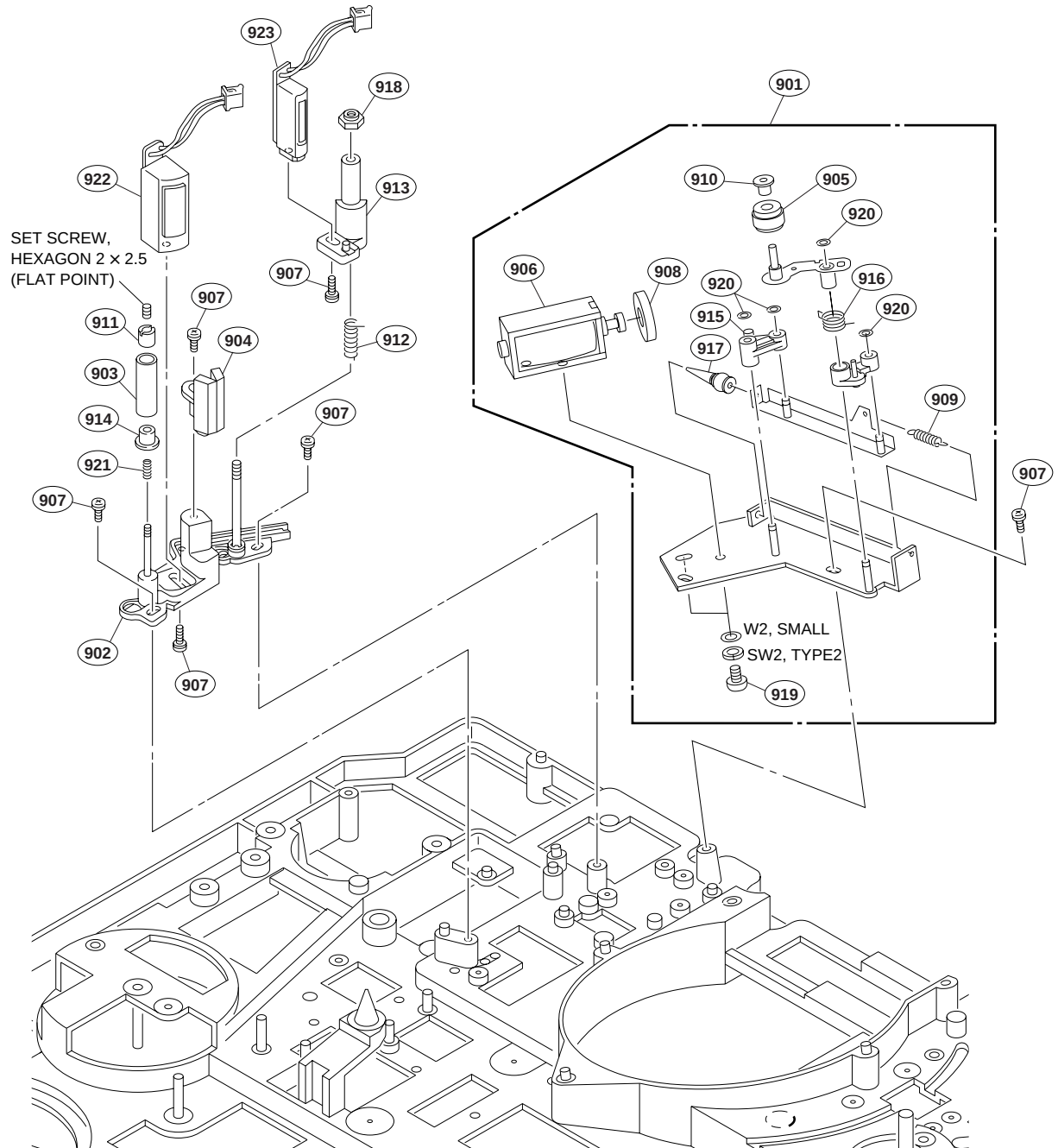


No.	Part No.	SP	Description
901	A-8278-220-D	o	CLEANER ASSY,VIDEO HEAD
902	X-3678-118-2	o	BASE ASSY,CTL FE
903	X-3678-129-2	s	ROLLER (2)ASSY,RESIN
904	X-3678-142-1	o	CLEANER ASSY,TAPE
905	X-3949-109-1	s	ROLLER ASSY,AHC
906	1-454-607-21	s	SOLENOID, PLUNGER
907	2-640-315-01	o	SCREW(M2X5),SMALL
908	3-183-901-01	s	WASHER, CL
909	3-527-188-00	s	SPRING, TENSION
910	3-615-320-01	o	CAP,CR
911	3-679-729-02	s	FLANGE, UPPER
912	3-680-043-02	s	SPRING,CTL
913	3-680-044-02	o	BRACKET,CTL
914	3-680-230-01	s	FLANGE, LOWER
915	3-691-552-01	o	LEVER,SOLENOID
916	3-691-555-01	o	SPRING,TORSION
917	3-691-562-01	o	SHOCK ABSORBER
918	3-698-829-01	s	NUT,NYLON
919	3-713-786-51	s	SCREW +B 2X3
920	3-726-829-01	s	WASHER,STOPPER
921	3-729-011-01	s	SPRING, COMPRESSION(COIL)
922	8-825-770-74	s	HEAD, FE(EF291-21)
923	8-825-779-72	s	CTL HEAD, PS244-21D

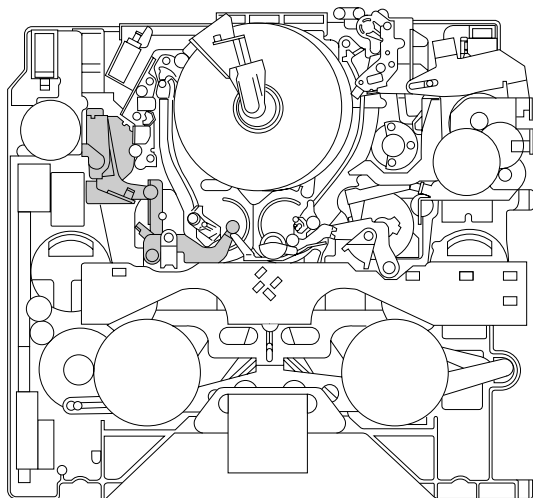
Screws/Washers



7-621-731-08	s	SET-SCREW, HEX 2X2.5(FLAT)
7-623-205-22	s	WASHER SPRING (2MM)
7-688-001-01	s	WASHER W2 SMALL



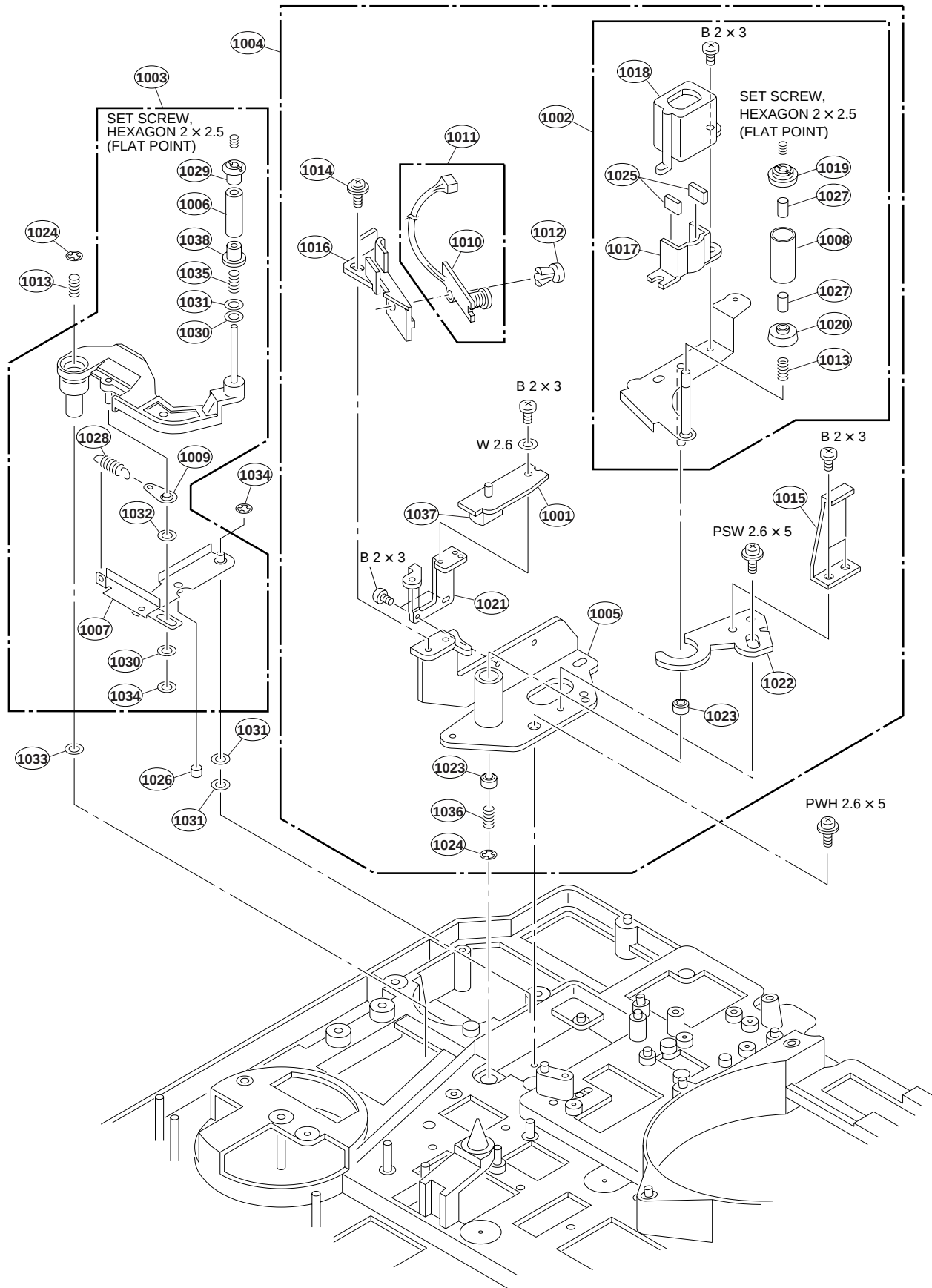
Tension Regulator and S-side Drawing Arm



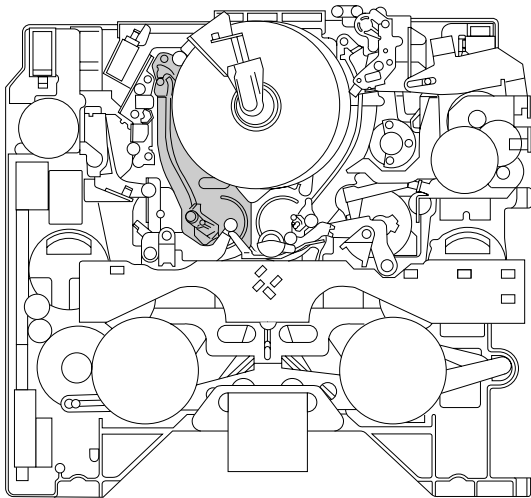
No.	Part No.	SP	Description
1001	A-6754-272-A	o	MOUNTED CIRCUIT BOARD, TR-57
1002	A-8269-451-C	s	TENSION REGULATOR ASSY
1003	A-8269-452-A	o	ARM ASSY, S
1004	A-8322-697-A	o	REGULATOR ASSY, TENSION
1005	X-3605-471-2	o	BASE(HD)ASSY, S-TEN
1006	X-3678-091-3	s	COLLER ASSY
1007	X-3678-388-2	o	DRAWING ARM, ASSY
1008	X-3678-389-2	s	S-TEN ROLLER, ASSY
1009	X-3678-390-1	o	LAG, S-ARM, ASSY
1010	1-543-316-21	s	HEAD, SENSING (SMALL TYPE)
1011	1-948-409-11	o	HARNESS (MB44-TT0PA)
1012	2-279-715-01	s	RIVET, NYLON
1013	2-618-901-00	s	SPRING, COMPRESSION
1014	2-640-315-01	o	SCREW(M2X5), SMALL
1015	3-169-302-02	o	SPRING (TR), PLATE
1016	3-169-304-02	o	BASE, END SENSOR
1017	3-169-305-01	o	PLATE, YOKE
1018	3-169-336-01	o	GUARD, DME
1019	3-174-315-01	s	FLANGE (UPPER)
1020	3-174-316-02	s	FLANGE (LOWER)
1021	3-617-695-02	o	HOLDER, TR-57
1022	3-617-699-02	o	PLATE(HD), TENSION ADJUSTMENT
1023	3-669-443-01	s	BEARING, BALL (NO FLANGE)
1024	3-669-465-01	s	WASHER(1.5), STOPPER
1025	3-680-828-01	o	MAGNET, COBALT
1026	3-691-378-01	s	ROLLER (B)
1027	3-691-380-02	s	ROLLER C
1028	3-691-381-01	s	SPRING, EXTENSION
1029	3-691-382-02	s	FLANGE, UPPER
1030	3-701-436-11	s	WASHER (1.6X0.25)
1031	3-701-436-21	s	WASHER POLY (1.6X0.5)
1032	3-701-437-01	s	WASHER PLASTIC (2.1X0.14)
1033	3-701-437-11	s	WASHER PLASTIC (2.1X0.25)
1034	3-726-829-01	s	WASHER, STOPPER
1035	3-729-011-01	s	SPRING, COMPRESSION(COIL)
1036	3-914-590-01	s	SPRING (R2)
1037	8-745-001-07	s	DME DM-230-1
1038	9-910-999-34	s	FLANGE, UNDER

Screws/Washers

7-621-731-08	s	SET-SCREW, HEX 2X2.5(FLAT)
7-621-759-35	s	SCREW +PSW 2.6X5
7-621-772-08	s	SCREW +B2X3
7-682-902-11	s	SCREW +PWH 2.6X5
7-688-002-11	s	WSHER 2.6



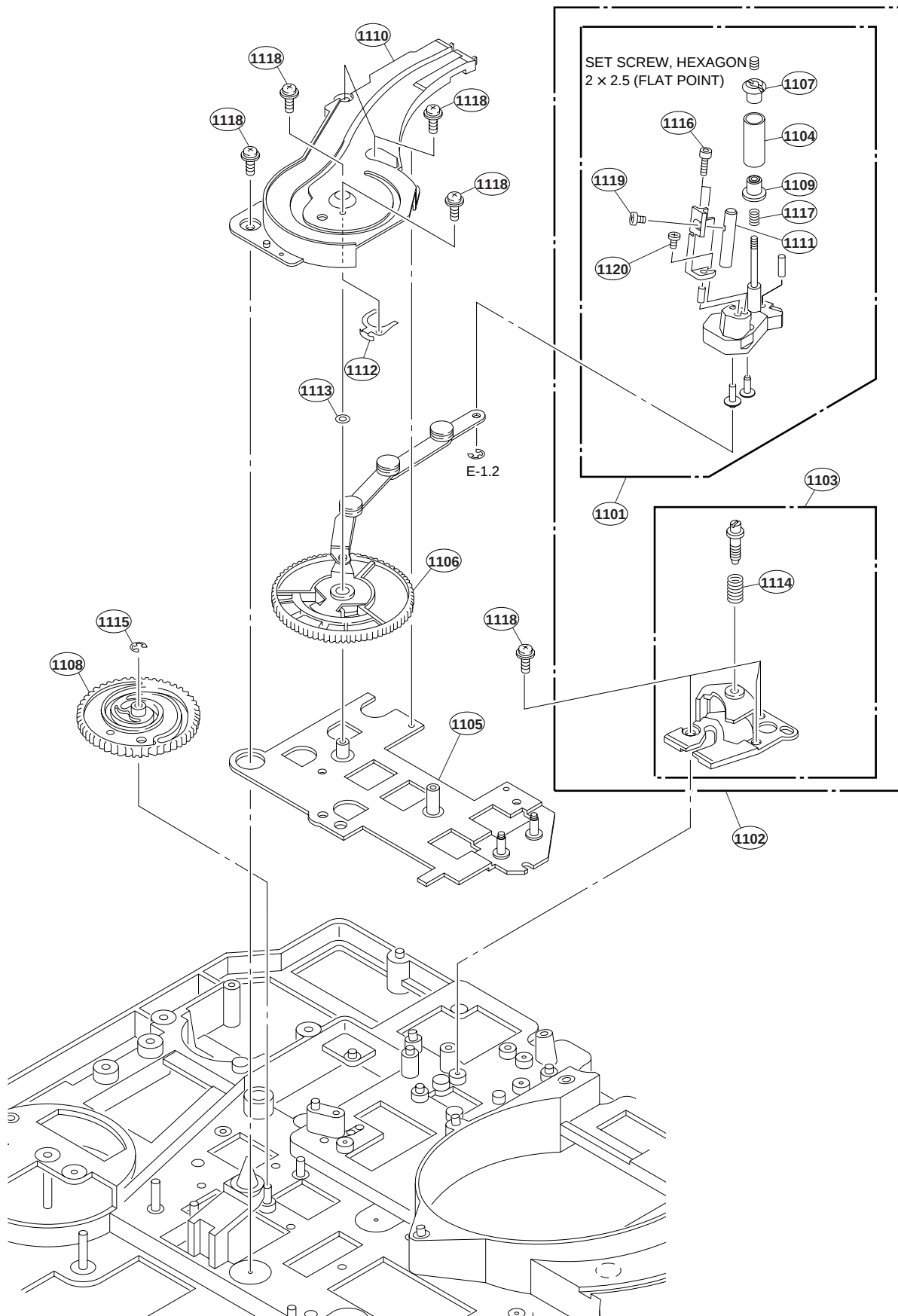
S-side Threading Link



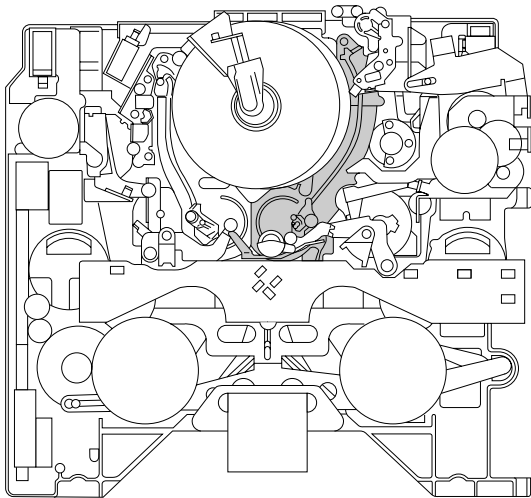
No.	Part No.	SP	Description
1101	A-8269-454-C	s	SLIDER ASSY, S
1102	A-8272-676-B	s	BLOCK ASSY, S DRAWER
1103	A-8278-032-D	o	CATCHER S ASSY
1104	X-3678-091-3	s	COLLER ASSY
1105	X-3678-380-2	o	BASE, THREADING GEAR ASSY
1106	X-3678-464-1	o	GEAR ASSY, THREADING S
1107	3-679-729-02	s	FLANGE, UPPER
1108	3-679-777-04	o	GEAR, ARM, DRAWER
1109	3-680-230-01	s	FLANGE, LOWER
1110	3-691-360-03	o	RAIL, S
1111	3-691-577-01	s	GUIDE, SLANT
1112	3-691-880-01	o	LINK PROTECTOR
1113	3-701-439-11	s	WASHER PLASTIC (3.1X0.25)
1114	3-716-167-01	s	SPRING, COMPRESSION(COIL)
1115	3-726-829-01	s	WASHER, STOPPER
1116	3-727-809-01	s	BOLT, HEXAGON SOCKET
1117	3-729-011-01	s	SPRING, COMPRESSION(COIL)
1118	3-729-013-21	s	SCREW(M1.4X2.5), WASHER HEAD
1119	7-627-551-87	s	SCREW, PRECISION +P1.4X1.8
1120	7-627-850-57	s	SCREW, PRECISION +P1.4X3.5

Screws/Washers

7-621-731-08	s	SET-SCREW, HEX 2X2.5(FLAT)
7-624-101-04	s	E RING (1.2)



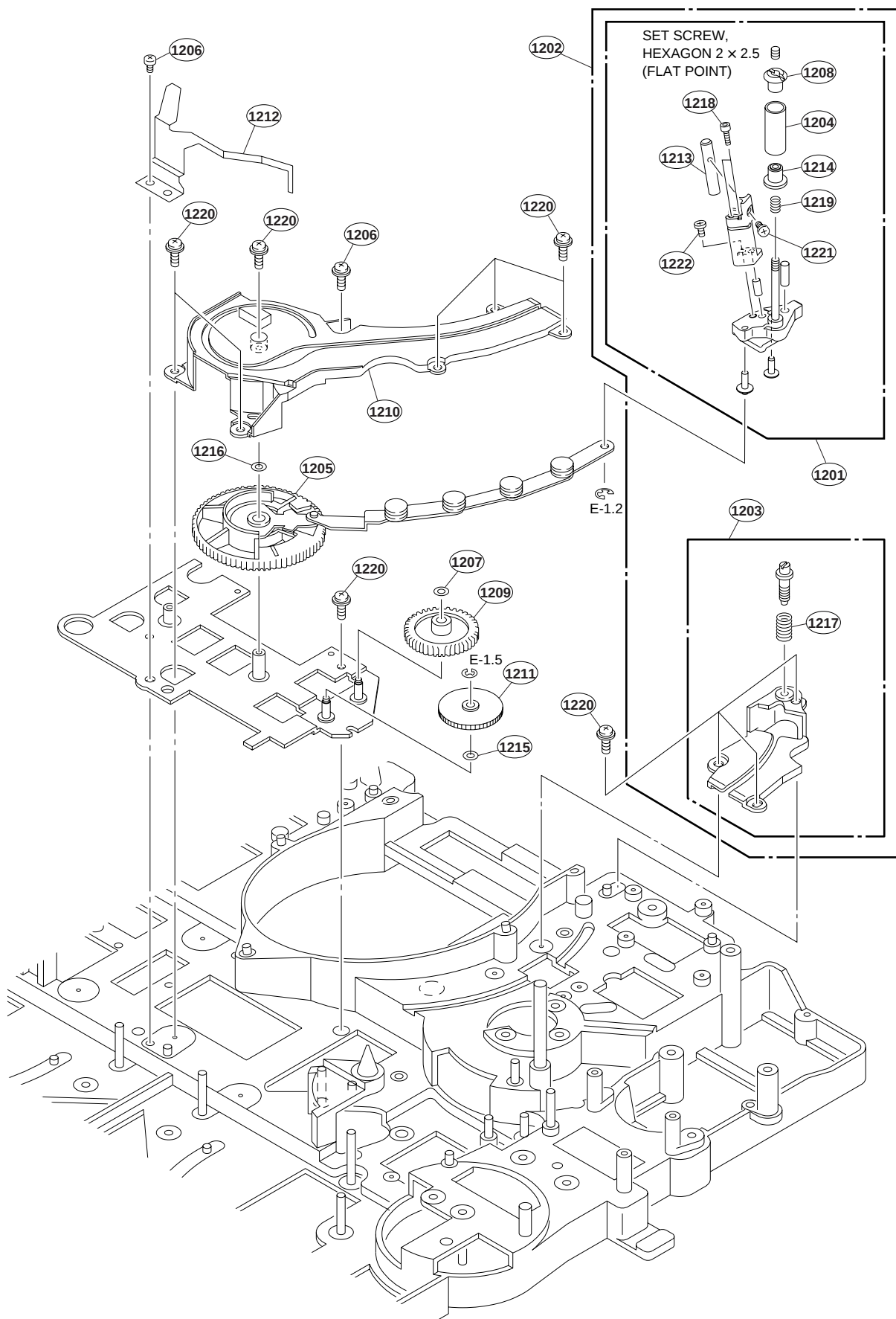
T-side Threading Link



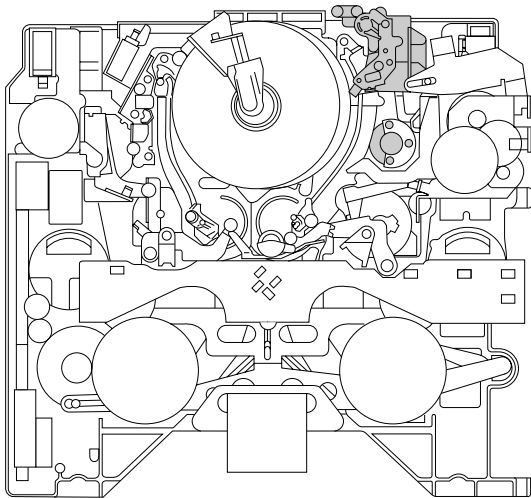
No.	Part No.	SP	Description
1201	A-8269-453-C	s	SLIDER ASSY, T
1202	A-8272-677-B	s	BLOCK ASSY, T DRAWER
1203	A-8278-033-D	o	CATCHER T ASSY
1204	X-3678-091-3	s	COLLER ASSY
1205	X-3678-379-4	o	GEAR ASSY,THREADING T
1206	2-640-315-01	s	SCREW(M2X5),SMALL
1207	3-559-408-11	s	WASHER, POLYETHYLENE, DIA.1.2
1208	3-679-729-02	s	FLANGE,UPPER
1209	3-679-764-01	o	GEAR,MIDWAY,ST DRIVING
1210	3-691-344-01	o	RAIL,T
1211	3-691-352-03	s	GEAR,ST DRIVING
1212	3-691-563-02	o	PLATE,UNTHREAD GUIDING
1213	3-691-577-01	s	GUIDE,SLANT
1214	3-694-275-01	s	FLANGE, UNDER, T2
1215	3-701-437-21	s	WASHER,PLASTIC (2.1X0.5)
1216	3-701-439-21	s	WASHER PLASTIC (3.1X0.5)
1217	3-716-167-01	s	SPRING, COMPRESSION(COIL)
1218	3-727-809-01	s	BOLT, HEXAGON SOCKET
1219	3-729-011-01	s	SPRING, COMPRESSION(COIL)
1220	3-729-013-21	s	SCREW(M1.4X2.5), WASHER HEAD
1221	7-627-551-87	s	SCREW, PRECISION +P1.4X1.8
1222	7-627-850-57	s	SCREW, PRECISION +P1.4X3.5

Screws/Washers

7-621-731-08	s	SET-SCREW, HEX 2X2.5(FLAT)
7-624-101-04	s	E RING (1.2)
7-624-102-04	s	RING, (E,1.5)



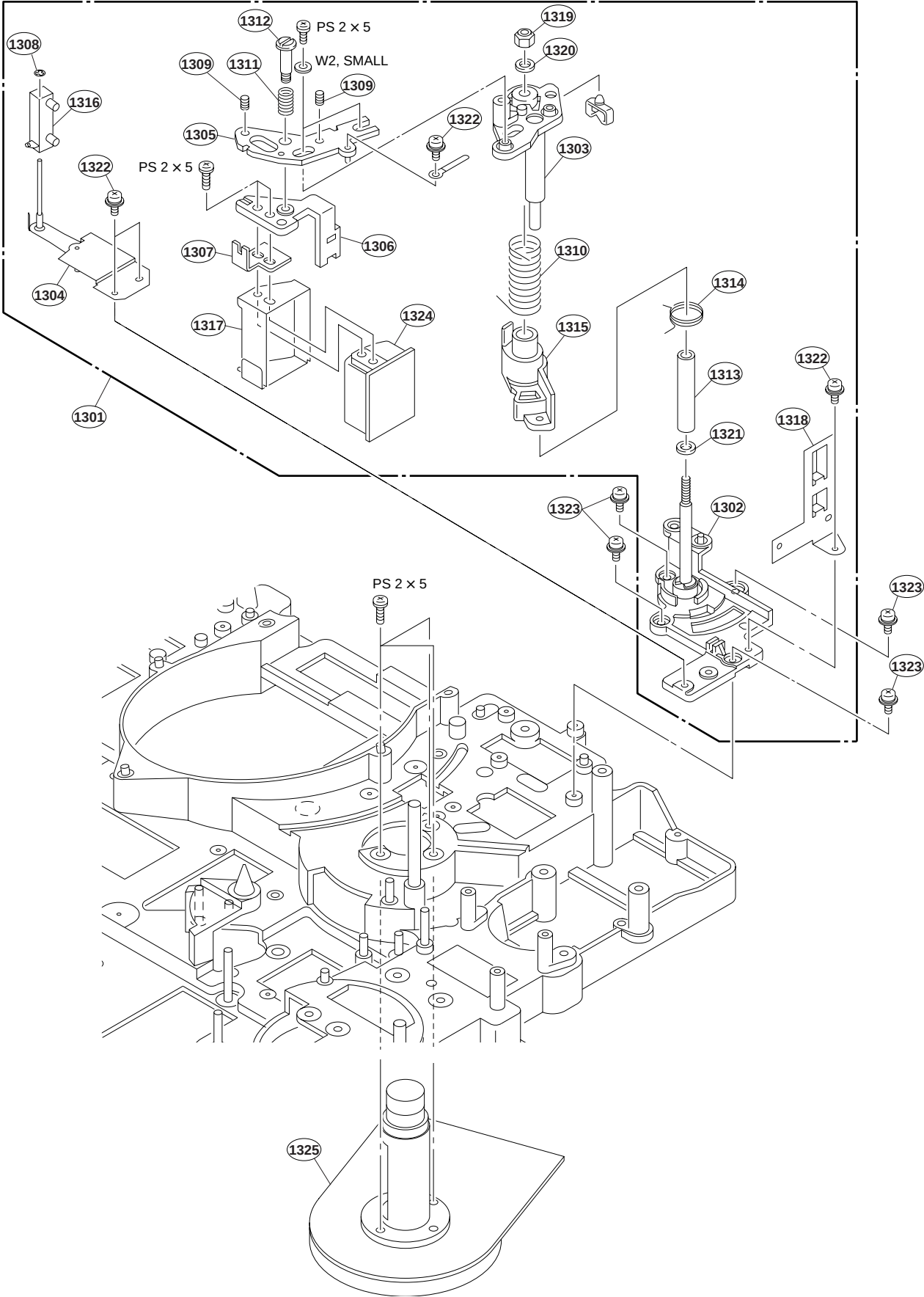
CUE/TC Head and Capstan Motor



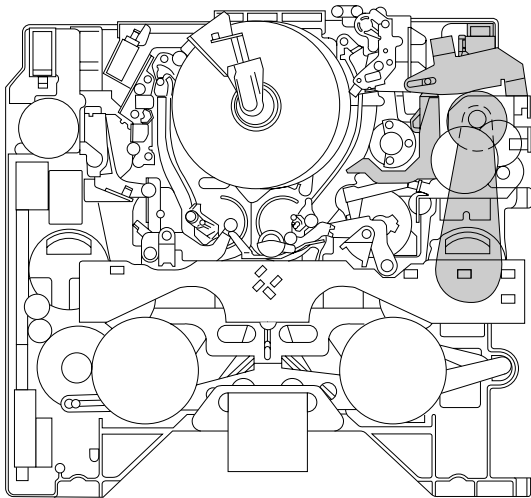
No.	Part No.	SP	Description
1301	A-8269-466-B	o	HEAD ASSY, EXIT
1302	X-3678-095-2	o	PLATE ASSY, BASE CUE/TC
1303	X-3678-112-1	o	PLATE ASSY, CUE/TC ADJUSTMENT
1304	X-3678-434-2	o	ARM ASSY, CLEANER
1305	X-3678-960-1	o	PLATE(A), HEAD ASSY
1306	X-3678-961-3	o	PLATE(B), HEAD ASSY
1307	3-171-570-01	o	PLATE (R), ADJUSTMENT
1308	3-321-393-01	s	WASHER
1309	3-602-961-01	s	SET-SCREW, SLOT2X6 CONE POINT
1310	3-680-005-01	o	SPRING, CUE/TC
1311	3-680-222-01	s	SPRING, COMPRESSION
1312	3-680-223-01	s	SHAFT
1313	3-680-225-01	o	SLEEVE, SHAFT, MAIN, CUE/TC
1314	3-680-233-01	o	SPRING, RTN
1315	3-680-262-02	o	PLATE, SWING, CUE/TC
1316	3-681-778-02	s	BRUSH, CUE
1317	3-689-893-01	o	CASE, SHIELD
1318	3-691-881-01	o	HOLDER, HARNESS
1319	3-698-829-01	s	NUT, NYLON
1320	3-701-437-11	s	WASHER PLASTIC (2.1X0.25)
1321	3-701-439-11	s	WASHER PLASTIC (3.1X0.25)
1322	3-729-013-21	s	SCREW(M1.4X2.5), WASHER HEAD
1323	3-729-013-41	s	SCREW, WASHERHEAD(+P)
1324	8-825-920-02	s	HEAD, AUDIO (EPS244-2103J)
1325	8-835-534-01	s	MOTOR, DC(SCV-0702A/J-N)

Screws/Washers

7-628-253-15	s	SCREW +PS 2X5
7-688-001-01	s	WASHER W2 SMALL



T-side Reel Motor and Pinch Press Block

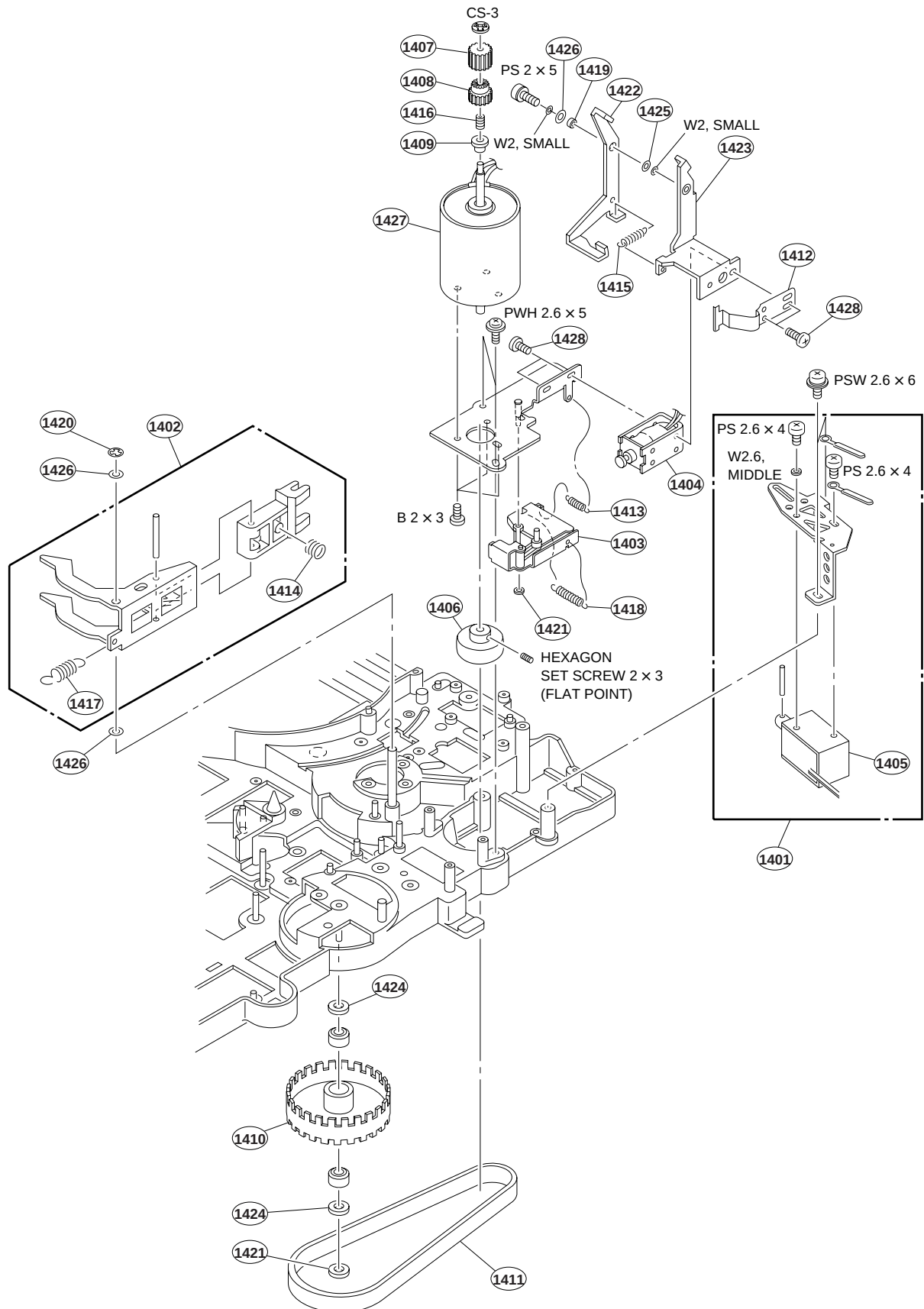


No.	Part No.	SP	Description
1401	A-8278-216-A	o	PLUNGER ASSY,PINCH PRESSING
1402	A-8278-217-B	o	ARM ASSY,PINCH PRESSING
1403	X-3165-731-2	s	ARM ASSY, BRAKE
1404	1-454-334-51	s	SOLENOID,PLUNGER
1405	1-454-383-31	s	SOLENOID, PLUNGER
1406	3-169-370-03	o	PULLEY, MOTOR
1407	3-169-371-02	s	PLATE, CLUTCH
1408	3-169-372-01	s	GEAR,REEL MOTOR DRIVING
1409	3-169-373-01	s	WASHER, SPRING
1410	3-169-503-03	s	PULLEY' (B), RELAY
1411	3-172-003-01	s	BELT, DRIVING
1412	3-173-411-01	s	SPRING, BRAKE PLATE
1413	3-307-374-00	s	SPRING, TENSION
1414	3-345-408-01	s	SPRING, COMPRESSION(COIL)
1415	3-371-875-01	s	SPRING (LOCK LEVER),TENSION
1416	3-637-331-00	s	SPRING, COMPRESSION
1417	3-639-371-00	s	SPRING, TENSION
1418	3-642-482-00	s	SPRING, COMPRESSION
1419	3-657-841-61	o	SPACER (DIA 2X1.6)
1420	3-669-596-00	s	WASHER, 2.3
1421	3-676-387-00	s	POLY-SLIDER (DIA 1.6)
1422	3-691-564-01	o	LEVER, BRAKE RELEASE
1423	3-691-565-01	o	BASE, BRAKE RELEASE
1424	3-701-437-21	s	WASHER, PLASTIC (2.1X0.5)
1425	3-701-439-01	s	WASHER PLASTIC (3.1X0.13)
1426	3-701-439-11	s	WASHER PLASTIC (3.1X0.25)
1427	8-835-441-01	s	MOTOR(R432276751A)DC 10W UNDER
1428	7-627-553-17	s	SCREW, PRECISION +P2X2

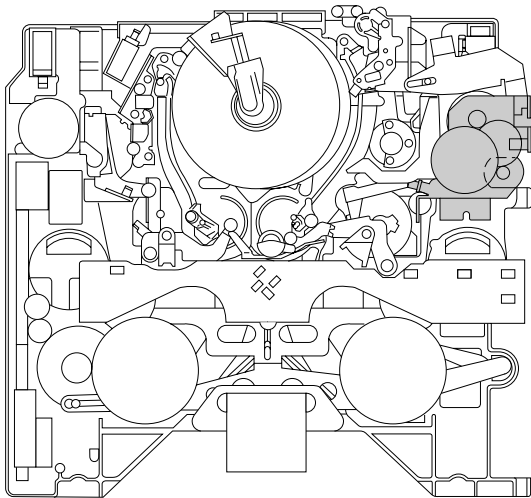


Screws/Washers

7-621-732-08	s	SET-SCREW, HEX 2X3 (FLAT)
7-621-759-40	s	SCREW +PSW 2.6X6
7-621-772-08	s	SCREW +B2X3
7-624-190-11	s	STOP RING TYPE-CS (3MM)
7-628-253-15	s	SCREW +PS 2X5
7-628-253-90	s	SCREW +PS 2.6X4
7-682-902-11	s	SCREW +PWH 2.6X5
7-688-001-01	s	WASHER W2 SMALL
7-688-002-11	s	WSHER 2.6



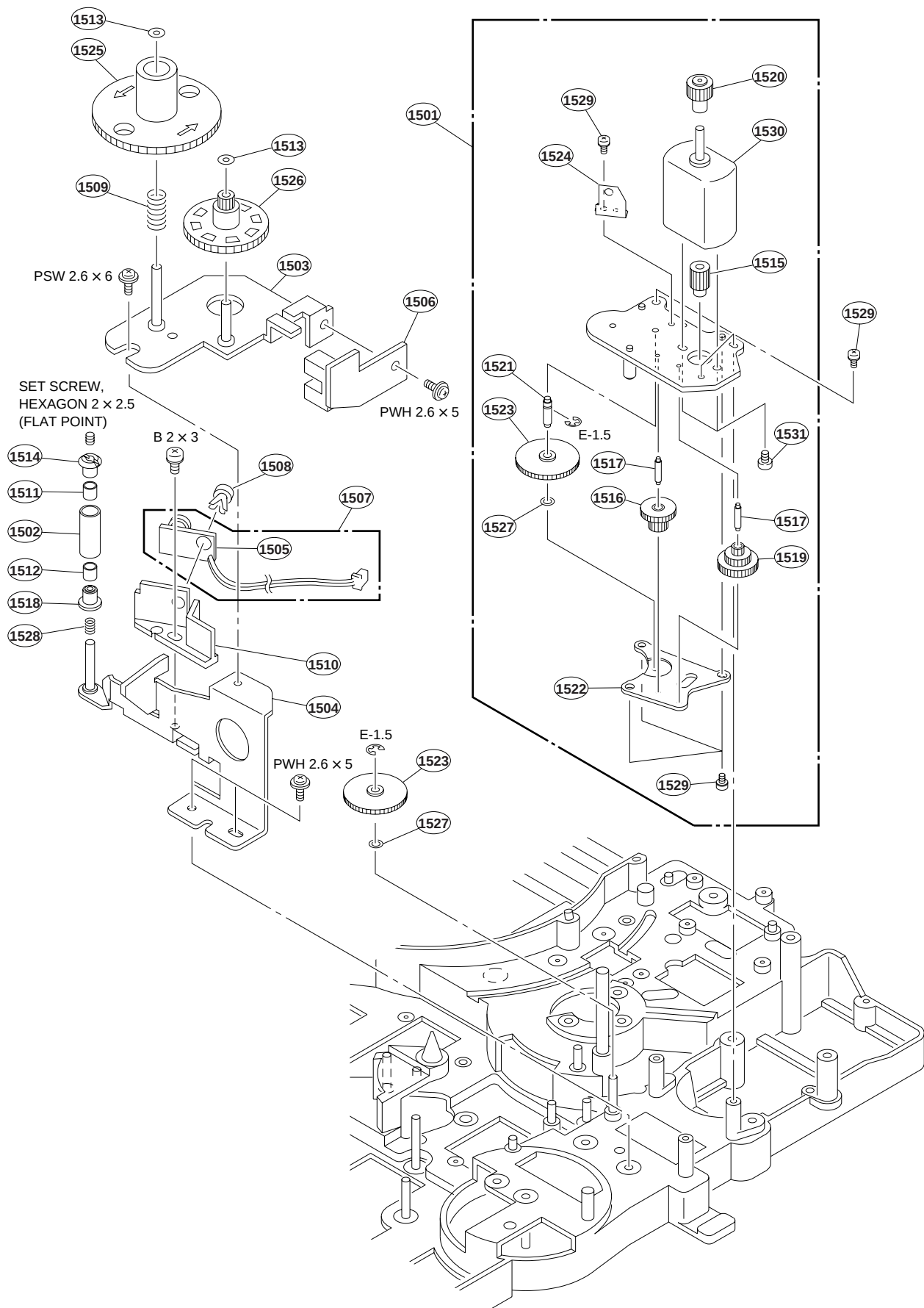
Threading Motor and Gear Train



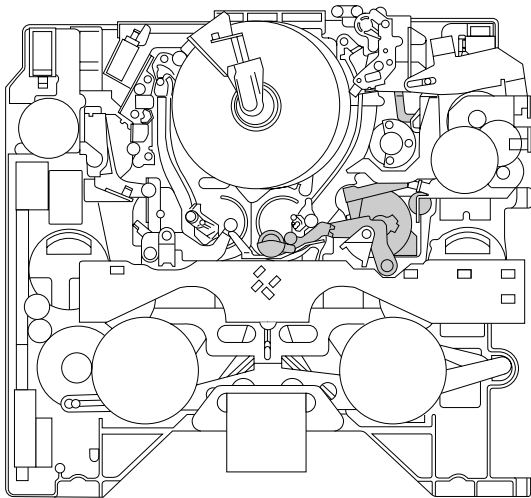
No.	Part No.	SP	Description
1501	A-8269-450-A	o	BLOCK ASSY, GEAR
1502	X-3168-138-1	s	ROLLER ASSY, ONEBARE
1503	X-3678-385-1	o	EJECT ASSY, MANUAL
1504	X-3678-547-1	o	BASE ASSY, T4 GUIDE
1505	1-543-316-21	s	HEAD, SENSING (SMALL TYPE)
1506	1-638-705-12	o	PRINTED CIRCUIT BOARD, DET-15
1507	1-948-409-11	o	HARNESS (MB44-TTOPA)
1508	2-279-715-01	s	RIVET, NYLON
1509	3-561-540-01	s	SPRING, COMPRESSION
1510	3-602-508-02	o	HOLDER, TOP SENSOR
1511	3-602-510-01	s	ROLLER T4(A)
1512	3-602-511-01	s	ROLLER T4(B)
1513	3-669-465-01	s	WASHER(1.5), STOPPER
1514	3-679-729-02	s	FLANGE, UPPER
1515	3-679-748-01	s	PINION
1516	3-679-750-01	o	GEAR(B)
1517	3-679-799-01	o	SHAFT, GEAR
1518	3-680-230-01	s	FLANGE, LOWER
1519	3-680-263-01	o	GEAR(C)
1520	3-680-988-01	s	PINION B (GEAR)
1521	3-691-348-01	o	GEAR SHAFT(A)
1522	3-691-349-02	o	GEAR BLOCK PLATE(B)
1523	3-691-352-03	s	GEAR, ST DRIVING
1524	3-691-353-01	o	LIMITTER PLATE
1525	3-691-371-01	o	GEAR, MIDWAY
1526	3-691-372-01	o	DRIVING GEAR, MANUAL
1527	3-701-437-21	s	WASHER, PLASTIC (2.1X0.5)
1528	3-729-011-01	s	SPRING, COMPRESSION(COIL)
1529	3-729-013-21	s	SCREW(M1.4X2.5), WASHER HEAD
1530	8-835-440-01	s	MOTOR(DN20-Q7Z1B) DC 10W UNDER
1531	7-627-552-28	s	SCREW, PRECISION +P1.7X2

Screws/Washers

7-621-731-08	s	SET-SCREW, HEX 2X2.5(FLAT)
7-621-759-40	s	SCREW +PSW 2.6X6
7-621-772-08	s	SCREW +B2X3
7-624-102-04	s	RING, (E, 1.5)
7-682-902-11	s	SCREW +PWH 2.6X5



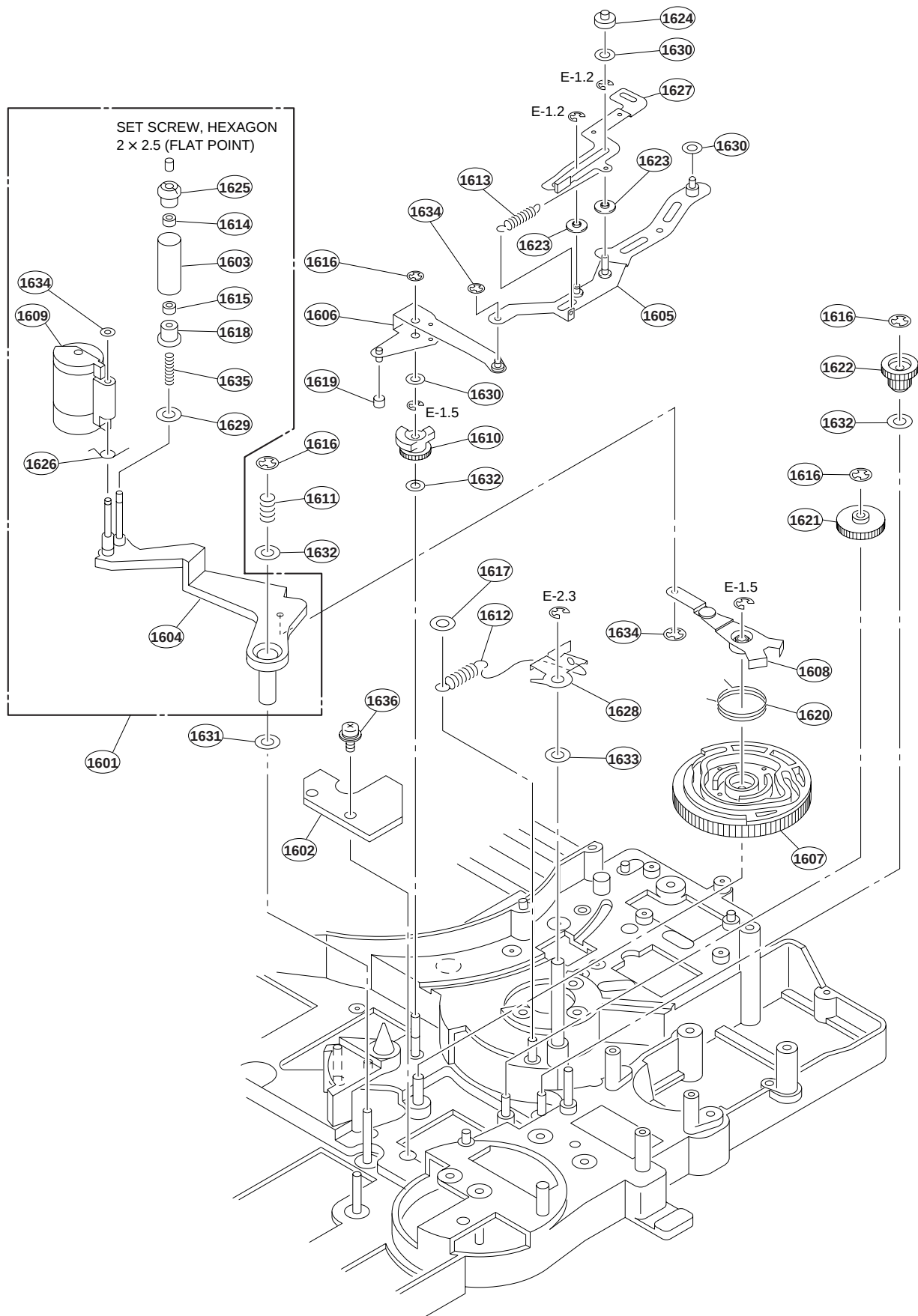
CUE Link and Pinch Arm



No.	Part No.	SP	Description
1601	A-8279-109-A	o	ARM ASSY,T
1602	A-8321-358-A	o	MOUNTED CIRCUIT BOARD, DET-36
1603	X-3168-138-1	s	ROLLER ASSY, ONEBARE
1604	X-3605-481-1	o	SUB ASSY,T ARM
1605	X-3678-382-1	o	LINK ASSY,CUE DRIVING
1606	X-3678-383-2	o	CUE DRIVING ARM ASSY (A)
1607	X-3678-384-2	o	GEAR ASSY,CAM
1608	X-3678-423-3	o	LINK ASSY,T
1609	X-3678-425-5	s	ARM ASSY,PINCH ROLLER
1610	X-3678-461-1	s	GEAR ASSY,INTERMITTENT
1611	2-618-901-00	o	SPRING, COMPRESSION
1612	3-371-629-01	s	SPRING (LOCK LEVER),TENSION
1613	3-535-369-99	s	SPRING, TENSION
1614	3-602-510-01	s	ROLLER T4(A)
1615	3-602-511-01	s	ROLLER T4(B)
1616	3-669-465-01	s	WASHER(1.5), STOPPER
1617	3-672-250-01	s	RING(M2.6), O
1618	3-680-230-01	s	FLANGE, LOWER
1619	3-683-340-01	o	ROLLER (A)
1620	3-689-899-04	s	SPRING,T LIMITTER
1621	3-691-351-02	s	GEAR, MIDWAY
1622	3-691-355-02	s	GEAR,JOINT
1623	3-691-356-01	o	C SLEEVE
1624	3-691-357-01	s	SLEEVE (C)
1625	3-691-382-02	s	FLANGE,UPPER
1626	3-691-550-01	s	SPRING,PINCH RETURN
1627	3-692-093-01	o	LEVER,CUE CLEANER
1628	3-692-097-03	o	LEVER STOPPER
1629	3-701-436-21	s	WASHER POLY (1.6X0.5)
1630	3-701-437-01	s	WASHER PLASTIC (2.1X0.14)
1631	3-701-437-11	s	WASHER PLASTIC (2.1X0.25)
1632	3-701-437-21	s	WASHER,PLASTIC (2.1X0.5)
1633	3-701-439-11	s	WASHER PLASTIC (3.1X0.25)
1634	3-726-829-01	s	WASHER,STOPPER
1635	3-729-011-01	s	SPRING, COMPRESSION(COIL)
1636	3-729-013-21	s	SCREW(M1.4X2.5),WASHER HEAD

Screws/Washers

7-621-731-08	s	SET-SCREW, HEX 2X2.5(FLAT)
7-624-101-04	s	E RING (1.2)
7-624-102-04	s	RING, (E,1.5)
7-624-105-04	s	RING,E2.3



2-3. Electrical Parts List

ADA-44 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8276-930-A	o	MOUNTED CIRCUIT BOARD, ADA-44
C1	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C2	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C3	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C4	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C5	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C7	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C8	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C9	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C10	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C11	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C12	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C13	1-126-396-11	s	CAPACITOR ELECT 47MF/16V(CHIP)
C14	1-126-396-11	s	CAPACITOR ELECT 47MF/16V(CHIP)
C15	1-126-396-11	s	CAPACITOR ELECT 47MF/16V(CHIP)
C16	1-126-396-11	s	CAPACITOR ELECT 47MF/16V(CHIP)
C17	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C18	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C19	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C20	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C21	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C22	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C23	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C24	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C29	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C30	1-127-951-21	s	CAPACITOR FILM 0.015MF/16V
C31	1-127-951-21	s	CAPACITOR FILM 0.015MF/16V
C32	1-127-951-21	s	CAPACITOR FILM 0.015MF/16V
C33	1-127-951-21	s	CAPACITOR FILM 0.015MF/16V
C34	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C35	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C36	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C37	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C38	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C39	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C40	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C41	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C42	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C43	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C44	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C45	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C46	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C47	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C48	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C49	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C50	1-127-949-21	s	CAPACITOR FILM 0.0068MF/16V
C51	1-127-949-21	s	CAPACITOR FILM 0.0068MF/16V
C52	1-127-949-21	s	CAPACITOR FILM 0.0068MF/16V
C53	1-127-949-21	s	CAPACITOR FILM 0.0068MF/16V
C54	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C55	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C56	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C57	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C58	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C59	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C60	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C61	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V

(ADA-44 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C62	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C63	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C64	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C65	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C66	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C67	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C68	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C69	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C70	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C71	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C72	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C73	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C74	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C75	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C76	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C202	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C203	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C204	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C205	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C206	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C207	1-126-394-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C208	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C209	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C210	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C211	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C212	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C213	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C214	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C215	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C216	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C217	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C218	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C219	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C220	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C221	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C222	1-127-967-21	s	CAPACITOR,FILM 0.0022MF 50V
C223	1-127-967-21	s	CAPACITOR,FILM 0.0022MF 50V
C224	1-127-967-21	s	CAPACITOR,FILM 0.0022MF 50V
C225	1-127-967-21	s	CAPACITOR,FILM 0.0022MF 50V
C226	1-127-965-21	s	CAPACITOR, CHIP FILM 0.001MF
C227	1-127-965-21	s	CAPACITOR, CHIP FILM 0.001MF
C228	1-127-965-21	s	CAPACITOR, CHIP FILM 0.001MF
C229	1-127-965-21	s	CAPACITOR, CHIP FILM 0.001MF
C230	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C231	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C232	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C233	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C234	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C235	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C236	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C237	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C238	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C239	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C240	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C241	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C242	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C243	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V
C244	1-135-216-11	s	CAPACITOR TANTATUM 10MF/10V

(ADA-44 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C245	1-135-216-11	s CAPACITOR TANTATUM 10MF/10V
C246	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C247	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C248	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C249	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C250	1-104-551-11	s CAPACITOR FILM 0.01MF/16V 2125
C251	1-104-551-11	s CAPACITOR FILM 0.01MF/16V 2125
C252	1-104-551-11	s CAPACITOR FILM 0.01MF/16V 2125
C253	1-104-551-11	s CAPACITOR FILM 0.01MF/16V 2125
C254	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C255	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C260	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C261	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C262	1-135-216-11	s CAPACITOR TANTATUM 10MF/10V
C263	1-135-216-11	s CAPACITOR TANTATUM 10MF/10V
C264	1-135-216-11	s CAPACITOR TANTATUM 10MF/10V
C265	1-135-216-11	s CAPACITOR TANTATUM 10MF/10V
C351	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C352	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C353	1-135-216-11	s CAPACITOR TANTATUM 10MF/10V
C354	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C355	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C356	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C357	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C358	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C359	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C360	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C361	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C362	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C363	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C364	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C365	1-164-346-11	s CAPACITOR CHIP CERAMIC 1MF/16V
C366	1-164-346-11	s CAPACITOR CHIP CERAMIC 1MF/16V
C367	1-164-346-11	s CAPACITOR CHIP CERAMIC 1MF/16V
C368	1-164-346-11	s CAPACITOR CHIP CERAMIC 1MF/16V
C369	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C370	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C371	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C372	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C373	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C374	1-126-396-11	s CAPACITOR ELECT 47MF/16V(CHIP)
C375	1-126-396-11	s CAPACITOR ELECT 47MF/16V(CHIP)
C376	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C377	1-128-394-11	s CAPACITOR,ELECT 220MF/10V
C378	1-128-394-11	s CAPACITOR,ELECT 220MF/10V
C379	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C380	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C381	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C382	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C383	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C384	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C385	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C386	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C387	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C388	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C389	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C390	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
CN551	1-565-884-11	o PIN, CONNECTOR (PC BOARD) 12P

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Ref. No. or Q'ty	Part No.	SP Description
CN552	1-568-521-11	o CONNECTOR PIN 13P
CN553	1-565-882-11	o PIN,CONNECTOR 10P
CN554	1-565-877-11	s PIN,CONNECTOR(PC BOARD)5P
CN555	1-565-882-11	o PIN,CONNECTOR 10P
CN556	1-565-884-11	o PIN, CONNECTOR (PC BOARD) 12P
CN557	1-566-758-11	o PIN,CONNECTOR 3P
CN558	1-569-761-11	s CONNECTOR, BOARD TO BOARD 20P
CN559	1-565-878-11	s PIN, CONNECTOR (PC BOARD) 6P
D1	8-719-989-08	s DIODE RB717F
D2	8-719-989-08	s DIODE RB717F
D3	8-719-989-08	s DIODE RB717F
D4	8-719-989-08	s DIODE RB717F
D5	8-719-988-82	s DIODE RB715F
D6	8-719-988-82	s DIODE RB715F
D7	8-719-988-82	s DIODE RB715F
D8	8-719-988-82	s DIODE RB715F
D9	8-719-941-86	s DIODE DAN202U
D201	8-719-941-86	s DIODE DAN202U
D202	8-719-941-86	s DIODE DAN202U
D351	8-759-710-88	s IC NJM431U
D354	8-719-157-23	s DIODE RD4.7M-B
D355	8-719-157-23	s DIODE RD4.7M-B
D356	8-719-157-23	s DIODE RD4.7M-B
D357	8-719-157-36	s DIODE RD6.8M-B
D358	8-719-157-23	s DIODE RD4.7M-B
D359	8-719-157-36	s DIODE RD6.8M-B
D360	8-719-157-23	s DIODE RD4.7M-B
D361	8-719-157-36	s DIODE RD6.8M-B
D362	8-719-157-23	s DIODE RD4.7M-B
E1	1-535-881-21	o TERMINAL, TP (AUTO INSERTION)
E2	1-535-881-21	o TERMINAL, TP (AUTO INSERTION)
IC1	8-759-711-85	s IC NJM4580E-D
IC2	8-759-711-85	s IC NJM4580E-D
IC3	8-759-711-85	s IC NJM4580E-D
IC4	8-759-711-85	s IC NJM4580E-D
IC5	8-759-711-85	s IC NJM4580E-D
IC6	8-759-711-85	s IC NJM4580E-D
IC7	8-759-711-85	s IC NJM4580E-D
IC8	8-759-711-85	s IC NJM4580E-D
IC9	8-759-336-17	s IC AK5390-VS
IC10	8-759-336-17	s IC AK5390-VS
IC11	8-759-523-94	s IC TC74VHC32FT(EL)
IC12	8-759-523-97	s IC TC74VHC123AFT(EL)
IC201	8-759-523-95	s IC TC74VHC74FT(EL)
IC202	8-759-524-22	s IC TC74VHC175FT(EL)
IC203	8-759-593-55	s IC PCM69U-J/2K
IC204	8-759-593-55	s IC PCM69U-J/2K
IC205	8-759-711-85	s IC NJM4580E-D
IC206	8-759-711-85	s IC NJM4580E-D
IC207	8-759-711-85	s IC NJM4580E-D
IC208	8-759-711-85	s IC NJM4580E-D
IC209	8-759-711-85	s IC NJM4580E-D
IC210	8-759-711-85	s IC NJM4580E-D
IC310	8-759-711-58	s IC NJM78L05UA
IC351	8-759-701-01	s IC NJM2904M
IC352	8-759-702-02	s IC NJM062M
IC353	8-759-702-02	s IC NJM062M

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Ref. No. or Q'ty	Part No.	SP	Description
IC354	8-759-523-94	s	IC TC74VHC32FT(EL)
IC355	8-759-523-96	s	IC TC74VHC86FT (EL)
IC356	8-759-009-07	s	IC MC14053BF
IC357	8-759-009-06	s	IC MC14052BF
IC358	8-759-009-06	s	IC MC14052BF
IC359	8-759-702-02	s	IC NJM062M
IC360	8-759-702-02	s	IC NJM062M
IC361	8-759-702-02	s	IC NJM062M
Q1	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q2	8-729-012-35	s	FET 2SK711-BL
Q3	8-729-012-35	s	FET 2SK711-BL
Q4	8-729-012-35	s	FET 2SK711-BL
Q5	8-729-012-35	s	FET 2SK711-BL
Q201	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q202	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q203	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q204	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q205	8-729-012-35	s	FET 2SK711-BL
Q206	8-729-012-35	s	FET 2SK711-BL
Q207	8-729-012-35	s	FET 2SK711-BL
Q208	8-729-012-35	s	FET 2SK711-BL
Q351	8-729-029-06	s	TRANSISTOR DTC124EUA-T106
Q352	8-729-029-06	s	TRANSISTOR DTC124EUA-T106
Q353	8-729-028-83	s	TRANSISTOR DTA124EUA-T106
Q354	8-729-028-83	s	TRANSISTOR DTA124EUA-T106
Q355	8-729-028-83	s	TRANSISTOR DTA124EUA-T106
Q356	8-729-028-83	s	TRANSISTOR DTA124EUA-T106
Q357	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q358	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q359	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q360	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q361	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q362	8-729-101-07	s	TRANSISTOR 2SB798
Q364	8-729-807-86	s	TRANSISTOR 2SB1295-UL5
Q365	8-729-809-47	s	TRANSISTOR 2SD1935-CT7
Q366	8-729-807-86	s	TRANSISTOR 2SB1295-UL5
Q367	8-729-809-47	s	TRANSISTOR 2SD1935-CT7
Q368	8-729-101-07	s	TRANSISTOR 2SB798
Q369	8-729-809-47	s	TRANSISTOR 2SD1935-CT7
R5	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W 1608
R6	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R7	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R8	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R9	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R10	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R11	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R12	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R13	1-216-670-11	s	RESISTOR,CHIP 6.2K 1/10W(2012)
R14	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R15	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R16	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R17	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R18	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R19	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R20	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R21	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R22	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R23	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R24	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R25	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R26	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R27	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R28	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W 1608
R32	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R33	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R34	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R35	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R36	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R37	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R38	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R39	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R44	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R45	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R46	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R47	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R48	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R49	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R50	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R51	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R56	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R57	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R58	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R59	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R64	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R65	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R66	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R67	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R68	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R69	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R70	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R71	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R72	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R73	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R74	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R75	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R76	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R77	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R78	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R79	1-218-715-11	s	RESISTOR,METAL 9.1K 1/16W
R80	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R81	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R82	1-218-746-11	s	RESISTOR,METAL 180K 1/16W
R83	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R88	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R89	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R90	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R91	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R92	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W 1608
R93	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W 1608
R94	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W 1608
R95	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W 1608
R96	1-216-857-11	s	RESISTOR,CHIP 1.0M 1/16W 1608
R97	1-216-857-11	s	RESISTOR,CHIP 1.0M 1/16W 1608
R98	1-216-857-11	s	RESISTOR,CHIP 1.0M 1/16W 1608
R99	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R100	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R101	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R268	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R269	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R270	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R271	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R272	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W 1608
R273	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R274	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W 1608
R275	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R276	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W 1608
R277	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R278	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W 1608
R279	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R280	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R281	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R282	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608
R283	1-218-722-11	s	RESISTOR,CHIP 18K 1/16W 1608
R284	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R285	1-218-722-11	s	RESISTOR,CHIP 18K 1/16W 1608
R286	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R287	1-218-722-11	s	RESISTOR,CHIP 18K 1/16W 1608
R288	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R289	1-218-722-11	s	RESISTOR,CHIP 18K 1/16W 1608
R290	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R291	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R292	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R293	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R294	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R295	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R296	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R297	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R298	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R299	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R300	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R301	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R302	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R303	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R304	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R305	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R306	1-218-727-11	s	RESISTOR,CHIP 30K 1/16W(1608)
R307	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R308	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R309	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R310	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R311	1-218-727-11	s	RESISTOR,CHIP 30K 1/16W(1608)
R312	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R313	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R314	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R315	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R316	1-218-727-11	s	RESISTOR,CHIP 30K 1/16W(1608)
R317	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R318	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R319	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R320	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R321	1-218-727-11	s	RESISTOR,CHIP 30K 1/16W(1608)
R322	1-218-729-11	s	RESISTOR,CHIP 36K 1/16W(1608)
R323	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R324	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R325	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R326	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R327	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R328	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R329	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R330	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R331	1-216-001-00	s	RESISTOR,CHIP 10 1/10W(2012)
R332	1-216-313-00	s	RESISTOR,CHIP 8.2 1/10W(2012)
R333	1-216-313-00	s	RESISTOR,CHIP 8.2 1/10W(2012)
R334	1-216-313-00	s	RESISTOR,CHIP 8.2 1/10W(2012)
R335	1-216-313-00	s	RESISTOR,CHIP 8.2 1/10W(2012)
R336	1-216-313-00	s	RESISTOR,CHIP 8.2 1/10W(2012)
R337	1-216-313-00	s	RESISTOR,CHIP 8.2 1/10W(2012)
R351	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R352	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R353	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R354	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R355	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R356	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R357	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R358	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R359	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R360	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R361	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R362	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R363	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R365	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R366	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R367	1-218-726-11	s	RESISTOR,CHIP 27K 1/16W (1608)
R368	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R369	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R370	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R371	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R372	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R373	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R374	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R375	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R376	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R377	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R378	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R379	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R380	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R381	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R382	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R383	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R384	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R385	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R386	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R387	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R388	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R389	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R390	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R391	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R392	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R393	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R394	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R395	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R396	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R397	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R398	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R399	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)

(ADA-44 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R400	1-218-724-11	s RESISTOR,CHIP 22K 1/16W(1608)
R401	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R402	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R403	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R404	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R405	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R406	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R407	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R408	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R409	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R410	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R411	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R412	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R413	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R414	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R415	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R416	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R417	1-218-724-11	s RESISTOR,CHIP 22K 1/16W(1608)
R418	1-218-724-11	s RESISTOR,CHIP 22K 1/16W(1608)
R419	1-218-724-11	s RESISTOR,CHIP 22K 1/16W(1608)
R420	1-218-724-11	s RESISTOR,CHIP 22K 1/16W(1608)
R421	1-218-707-11	s RESISTOR,CHIP 4.3K 1/16W(1608)
R422	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R423	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R424	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R425	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R426	1-218-725-11	s RESISTOR,CHIP 24K 1/16W(1608)
R427	1-216-857-11	s RESISTOR, CHIP 1.0M 1/16W 1608
R428	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R429	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R430	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R431	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R432	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R433	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R434	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R435	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R436	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R437	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R438	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R440	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R441	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R442	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R443	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R444	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R445	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R447	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R448	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R449	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R450	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R451	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R452	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R453	1-215-469-00	s RESISTOR,METAL FILM 100K 1/4W
RV1	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV2	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV3	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV4	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV5	1-237-039-11	s RESISTOR,ADJ,CERMET 100K
RV6	1-237-039-11	s RESISTOR,ADJ,CERMET 100K

(ADA-44 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RV7	1-237-039-11	s RESISTOR,ADJ,CERMET 100K
RV8	1-237-039-11	s RESISTOR,ADJ,CERMET 100K
RV40	1-241-522-11	s RESISTOR VAR, CARBON 10K
RV50	1-241-522-11	s RESISTOR VAR, CARBON 10K
RV60	1-241-522-11	s RESISTOR VAR, CARBON 10K
RV70	1-241-522-11	s RESISTOR VAR, CARBON 10K
RV201	1-237-038-11	s RESISTOR,ADJ,CERMET 50K
RV202	1-237-038-11	s RESISTOR,ADJ,CERMET 50K
RV203	1-237-038-11	s RESISTOR,ADJ,CERMET 50K
RV204	1-237-038-11	s RESISTOR,ADJ,CERMET 50K
RV205	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV206	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV207	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
RV208	1-237-034-11	s RESISTOR,ADJ,CERMET 2K
S1	1-554-355-00	s SWITCH, TOGGLE

CC-82 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-355-A	o	MOUNTED CIRCUIT BOARD, CC-82
C1	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C2	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C3	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C4	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C8	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C9	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C10	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C11	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C12	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C13	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-113-986-11	s	CAPACITOR,TANTALUM 2.2MF/25V
C15	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C16	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C17	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C18	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C19	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C20	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C21	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C22	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C23	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C24	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C25	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C26	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C27	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C28	1-162-905-11	s	CAPACITOR,CERAMIC 1PF/50V (CK)
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C30	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C31	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C32	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C33	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C34	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C35	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
CN451	1-565-876-11	o	PIN,CONNECTOR 4P
CN452	1-566-765-11	o	PIN,CONNECTOR 10P
CN453	1-566-767-11	o	PIN,CONNECTOR (PC BOARD) 12P
CN454	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN456	1-565-880-11	s	PIN,CONNECTOR 8P
CN457	1-565-884-11	o	PIN, CONNECTOR (PC BOARD) 12P
D1	8-719-941-09	s	DIODE DAP202U
D2	8-719-941-04	s	DIODE SB007-03CP
D3	8-719-941-04	s	DIODE SB007-03CP
D4	8-719-941-09	s	DIODE DAP202U
D5	8-719-037-95	s	DIODE DA227TL
FB1	1-543-309-21	s	BEAD,FERRITE
FB2	1-543-309-21	s	BEAD,FERRITE
IC1	8-759-054-61	s	IC CLC505AJE
IC2	8-759-054-61	s	IC CLC505AJE
IC3	8-759-054-61	s	IC CLC505AJE
IC4	8-759-710-82	s	IC NJM2406F
IC5	8-752-061-02	s	IC CXA1450M
IC6	8-759-054-61	s	IC CLC505AJE
IC7	8-759-485-82	s	IC MC34182DR2
IC8	8-759-054-61	s	IC CLC505AJE
IC9	8-759-485-82	s	IC MC34182DR2

(CC-82 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-32	s	TRANSISTOR 2SC4177
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
R2	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R3	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R4	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R9	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R10	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R11	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R12	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R13	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R14	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R15	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R16	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R17	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R18	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R19	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R20	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R21	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R25	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R29	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R30	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R31	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R32	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R33	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R34	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R35	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R39	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R40	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R41	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R42	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R43	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R44	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R45	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R46	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R47	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R48	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R49	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R51	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R52	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R53	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R54	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R57	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R58	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R59	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R60	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R61	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R62	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R63	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R64	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R66	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R67	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R68	1-218-713-11	s	RESISTOR,METAL 7.5K 1/16W
R69	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R70	1-218-671-11	s	RESISTOR,CHIP 130 1/16W (1608)
R71	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R72	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R74	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R75	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

(CC-82 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R76	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R77	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R78	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R79	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R80	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R81	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R82	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R83	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
RV1	1-237-031-11	s RESISTOR,ADJ,CERMET 200
RV2	1-237-031-11	s RESISTOR,ADJ,CERMET 200
RV3	1-237-031-11	s RESISTOR,ADJ,CERMET 200
RV4	1-237-031-11	s RESISTOR,ADJ,CERMET 200
S1	1-570-863-11	s SWITCH,SLIDE (1-1-2)
S2	1-570-863-11	s SWITCH,SLIDE (1-1-2)

CN-1752 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-673-090-11	o PRINTED WIRING BOARD, CN-1752
CN1	1-566-760-11	s PIN,CONNECTOR (PC BOARD) 5P

CN-1795 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-673-091-11	o PRINTED WIRING BOARD, CN-1795
CN1	1-566-763-11	o PIN,CONNECTOR (PC BOARD) 8P
CN2	1-766-696-11	o CONNECTOR, ROUND TYPE 8P

CN-1926 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-674-184-11	o PRINTED CIRCUIT BOARD, CN-1926
CN1	1-764-079-21	s PIN, CONNECTOR (PC BOARD) 4P
CN2	1-770-359-11	s PIN, CONNECTOR (PC BOARD) 2P
CN3	1-770-359-11	s PIN, CONNECTOR (PC BOARD) 2P

CP-337 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8321-356-A	o MOUNTED CIRCUIT BOARD, CP-337
C102	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C103	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C104	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C105	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C106	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C112	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C202	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C203	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C204	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C205	1-135-213-21	s CAPACITOR TANTALUM 3.3MF/25V
C206	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C207	1-135-213-21	s CAPACITOR TANTALUM 3.3MF/25V
C208	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C209	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C210	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C211	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C212	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C301	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C302	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C303	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C304	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C305	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C312	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C321	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C322	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C401	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C402	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C403	1-126-403-11	s CAPACITOR,ELECT 3.3MF/50V(CHIP
C404	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C405	1-164-156-11	s CAPACITOR,CERAMIC 0.1MF/25V F
C412	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C421	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C422	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C541	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C542	1-163-989-11	s CAPACITOR,CHIP CERAMIC 0.033M
C551	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C552	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C553	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C554	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C555	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C556	1-135-177-21	s CAPACITOR TANTALUM 1MF/25V
C557	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C558	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C559	1-165-176-11	s CAPACITOR,CERAMIC 47000PF/16V
C560	1-128-397-21	s CAPACITOR ELECT 100MF/16V CHIP
C561	1-126-398-11	s CAPACITOR ELECT 4.7MF/35V(CHIP
C562	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C563	1-163-809-11	s CAPACITOR,CHIP CERAMIC 0.047MF
C564	1-128-397-21	s CAPACITOR ELECT 100MF/16V CHIP
C565	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C566	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C567	1-135-211-11	s CAPACITOR TANTAL 6.8MF/6.3V
C568	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C569	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C570	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C602	1-128-393-11	s CAPACITOR,ELECT 100MF/10V
C603	1-128-393-11	s CAPACITOR,ELECT 100MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C604	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C605	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C606	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C607	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C611	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C612	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C613	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C614	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C615	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C616	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C704	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C705	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C706	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C707	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C711	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C712	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C715	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C716	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C802	1-128-393-11	s	CAPACITOR,ELECT 100MF/10V
C803	1-128-393-11	s	CAPACITOR,ELECT 100MF/10V
C804	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C805	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C806	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C807	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C811	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C812	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C813	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C814	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C816	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C817	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C904	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C905	1-128-394-11	s	0APACITOR,ELECT 220MF/10V
C906	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C907	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C911	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C912	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C916	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C917	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C1005	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1024	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1025	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1027	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1029	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C1031	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C1033	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C1035	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C1038	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1040	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1042	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1044	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1045	1-126-403-11	s	CAPACITOR,ELECT 3.3MF/50V(CHIP)
C1046	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C1047	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C1048	1-126-395-11	s	CAPACITOR ELECT 22MF/16V(CHIP)
C1049	1-126-395-11	s	CAPACITOR ELECT 22MF/16V(CHIP)
C2001	1-126-398-11	s	CAPACITOR ELECT 4.7MF/35V(CHIP)
C2002	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C2003	1-126-398-11	s	CAPACITOR ELECT 4.7MF/35V(CHIP)
C2004	1-126-941-11	s	CAPACITOR,ELECT 470MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C2005	1-126-394-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C5001	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C5002	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C5003	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C5004	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C6000	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6001	1-135-213-21	s	CAPACITOR TANTALUM 3.3MF/25V
C6002	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C6003	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C6004	1-135-213-21	s	CAPACITOR TANTALUM 3.3MF/25V
CN401	1-566-767-11	o	PIN,CONNECTOR (PC BOARD) 12P
CN402	1-565-879-11	s	PIN,CONNECTOR 7P
CN403	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN404	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN405	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN406	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN407	1-566-761-11	o	PIN,CONNECTOR (PC BOARD) 6P
CN408	1-566-758-11	o	PIN,CONNECTOR 3P
CN409	1-580-716-11	o	PIN, CONNECTOR (PC BOARD) 13P
CN410	1-566-767-11	o	PIN,CONNECTOR (PC BOARD) 12P
CN411	1-566-765-11	o	PIN,CONNECTOR 10P
CN412	1-580-716-11	o	PIN, CONNECTOR (PC BOARD) 13P
CN414	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN415	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN416	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN417	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN421	1-566-759-11	o	PIN,CONNECTOR 4P
D101	8-719-941-23	s	DIODE DA204U
D102	8-719-941-23	s	DIODE DA204U
D201	8-719-941-23	s	DIODE DA204U
D202	8-719-941-23	s	DIODE DA204U
D301	8-719-941-23	s	DIODE DA204U
D302	8-719-941-23	s	DIODE DA204U
D401	8-719-941-23	s	DIODE DA204U
D402	8-719-941-23	s	DIODE DA204U
D601	8-719-941-86	s	DIODE DAN202U
D602	8-719-941-86	s	DIODE DAN202U
D801	8-719-941-86	s	DIODE DAN202U
D802	8-719-941-86	s	DIODE DAN202U
D1004	8-719-157-36	s	DIODE RD6.8M-B
D1005	8-719-157-23	s	DIODE RD4.7M-B
D1006	8-719-157-36	s	DIODE RD6.8M-B
D1007	8-719-157-23	s	DIODE RD4.7M-B
D1008	8-719-157-23	s	DIODE RD4.7M-B
D1009	8-719-157-36	s	DIODE RD6.8M-B
D1010	8-719-157-23	s	DIODE RD4.7M-B
D1011	8-719-157-23	s	DIODE RD4.7M-B
D1012	8-719-157-36	s	DIODE RD6.8M-B
D1013	8-719-157-23	s	DIODE RD4.7M-B
D1014	8-719-157-23	s	DIODE RD4.7M-B
D1015	8-719-157-36	s	DIODE RD6.8M-B
D1016	8-719-157-23	s	DIODE RD4.7M-B
IC101	8-759-711-85	s	IC NJM4580E-D
IC201	8-759-711-85	s	IC NJM4580E-D
IC202	8-759-711-85	s	IC NJM4580E-D
IC301	8-759-711-85	s	IC NJM4580E-D
IC401	8-759-711-85	s	IC NJM4580E-D
IC551	8-759-702-03	s	IC NJM072BM

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Ref. No. or Q'ty	Part No.	SP Description
IC552	8-759-701-36	s IC NJM3403AM
IC553	8-759-512-09	s IC NJM386BM
IC554	8-759-512-09	s IC NJM386BM
IC601	8-759-700-96	s IC NJM5534M
IC602	8-759-711-85	s IC NJM4580E-D
IC603	8-759-700-96	s IC NJM5534M
IC701	8-759-700-96	s IC NJM5534M
IC703	8-759-700-96	s IC NJM5534M
IC801	8-759-700-96	s IC NJM5534M
IC802	8-759-711-85	s IC NJM4580E-D
IC803	8-759-700-96	s IC NJM5534M
IC901	8-759-700-96	s IC NJM5534M
IC903	8-759-700-96	s IC NJM5534M
IC1001	8-759-491-46	s IC TC74VHCT04AFT (EL)
IC1004	8-759-524-20	s IC TC74VHC165FT (EL)
IC1007	8-759-234-20	s IC TC7S08F
IC2001	8-759-486-99	s IC S-81250SGUP-DQD-T1
IC6000	8-759-711-85	s IC NJM4580E-D
L101	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L102	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L201	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L202	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L203	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L204	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L301	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L302	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L401	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L402	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L6000	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
L6001	1-410-380-31	s INDUCTOR,CHIP 8.2UH (3225)
Q601	8-729-209-07	s TRANSISTOR 2SC4213-B
Q602	8-729-209-07	s TRANSISTOR 2SC4213-B
Q701	8-729-209-07	s TRANSISTOR 2SC4213-B
Q702	8-729-209-07	s TRANSISTOR 2SC4213-B
Q801	8-729-209-07	s TRANSISTOR 2SC4213-B
Q802	8-729-209-07	s TRANSISTOR 2SC4213-B
Q901	8-729-209-07	s TRANSISTOR 2SC4213-B
Q902	8-729-209-07	s TRANSISTOR 2SC4213-B
Q1003	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q1005	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q1006	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q1007	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1008	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q1009	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1010	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q1011	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1012	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q1013	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1014	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q1015	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1016	8-729-117-32	s TRANSISTOR 2SC4177
Q1017	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1018	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q1019	8-729-809-47	s TRANSISTOR 2SD1935-CT7
Q1020	8-729-800-71	s TRANSISTOR 2SB815B7-TB
Q2001	8-729-807-51	s TRANSISTOR 2SD1623-S
Q2002	8-729-029-06	s TRANSISTOR DTC124EUA-T106
Q2003	8-729-028-83	s TRANSISTOR DTA124EUA-T106

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Ref. No. or Q'ty	Part No.	SP Description
Q2004	8-729-029-06	s TRANSISTOR DTC124EUA-T106
Q2005	8-729-028-83	s TRANSISTOR DTA124EUA-T106
R102	1-216-624-11	s RESISTOR,CHIP 75 1/10W(2012)
R103	1-218-665-11	s RESISTOR,CHIP 75 1/16W (1608)
R104	1-216-681-11	s RESISTOR,CHIP 18K 1/10W (2012)
R105	1-216-681-11	s RESISTOR,CHIP 18K 1/10W (2012)
R108	1-218-689-11	s RESISTOR,CHIP 750 1/16W (1608)
R109	1-218-689-11	s RESISTOR,CHIP 750 1/16W (1608)
R111	1-216-081-00	s RESISTOR,CHIP 22K 1/10W(2012)
R112	1-216-081-00	s RESISTOR,CHIP 22K 1/10W(2012)
R114	1-218-728-11	s RESISTOR,METAL 33K 1/16W
R115	1-216-663-11	s RESISTOR,CHIP 3.3K 1/10W(2012)
R116	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R117	1-218-663-11	s RESISTOR,CHIP 62 1/16W (1608)
R118	1-216-603-11	s RESISTOR,CHIP 10 1/10W(2012)
R119	1-218-644-11	s RESISTOR,METAL 10 1/16W
R120	1-216-295-91	s RESISTOR,CHIP 0 (1/10W)
R127	1-216-639-11	s RESISTOR,CHIP 330 1/10W (2012)
R131	1-216-683-11	s RESISTOR,CHIP 22K 1/10W (2012)
R132	1-216-683-11	s RESISTOR,CHIP 22K 1/10W (2012)
R133	1-216-681-11	s RESISTOR,CHIP 18K 1/10W (2012)
R134	1-218-665-11	s RESISTOR,CHIP 75 1/16W (1608)
R135	1-216-681-11	s RESISTOR,CHIP 18K 1/10W (2012)
R136	1-216-683-11	s RESISTOR,CHIP 22K 1/10W (2012)
R137	1-216-683-11	s RESISTOR,CHIP 22K 1/10W (2012)
R140	1-218-685-11	s CESISTOR,CHIP 510 1/16W (1608)
R141	1-218-710-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R142	1-218-683-11	s RESISTOR,CHIP 430 1/16W (1608)
R143	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R144	1-218-710-11	s RESISTOR,CHIP 5.6K 1/16W(1608)
R145	1-218-685-11	s CESISTOR,CHIP 510 1/16W (1608)
R146	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R147	1-218-683-11	s RESISTOR,CHIP 430 1/16W (1608)
R148	1-216-673-11	s RESISTOR,CHIP 8.2K 1/10W(2012)
R153	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R154	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R155	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R156	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R202	1-216-624-11	s RESISTOR,CHIP 75 1/10W(2012)
R203	1-218-665-11	s RESISTOR,CHIP 75 1/16W (1608)
R204	1-216-681-11	s RESISTOR,CHIP 18K 1/10W (2012)
R205	1-216-681-11	s RESISTOR,CHIP 18K 1/10W (2012)
R208	1-218-689-11	s RESISTOR,CHIP 750 1/16W (1608)
R209	1-218-689-11	s RESISTOR,CHIP 750 1/16W (1608)
R211	1-216-081-00	s RESISTOR,CHIP 22K 1/10W(2012)
R212	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R214	1-218-728-11	s RESISTOR,METAL 33K 1/16W
R215	1-216-663-11	s RESISTOR,CHIP 3.3K 1/10W(2012)
R216	1-216-663-11	s RESISTOR,CHIP 3.3K 1/10W(2012)
R217	1-218-663-11	s RESISTOR,CHIP 62 1/16W (1608)
R218	1-218-644-11	s RESISTOR,METAL 10 1/16W
R219	1-218-644-11	s RESISTOR,METAL 10 1/16W
R220	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R221	1-216-061-00	s RESISTOR,CHIP 3.3K 1/10W(2012)
R222	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R223	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R224	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R225	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R227	1-216-639-11	s	RESISTOR,CHIP 330 1/10W (2012)
R231	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R232	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R233	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R234	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R235	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R236	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R237	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R240	1-218-685-11	s	CESISTOR CHIP 510 1/16W (1608)
R241	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R242	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R243	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R244	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R245	1-218-685-11	s	CESISTOR CHIP 510 1/16W (1608)
R246	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R247	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R248	1-216-673-11	s	RESISTOR,CHIP 8.2K 1/10W(2012)
R253	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R254	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R255	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R256	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R301	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R302	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R303	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R304	1-218-689-11	s	RESISTOR CHIP 750 1/16W (1608)
R305	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R306	1-218-689-11	s	RESISTOR CHIP 750 1/16W (1608)
R308	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R309	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R310	1-216-639-11	s	RESISTOR,CHIP 330 1/10W (2012)
R311	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R312	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R313	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R314	1-216-622-11	s	RESISTOR,CHIP 62 1/10W (2012)
R315	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R316	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R317	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R320	1-218-685-11	s	CESISTOR CHIP 510 1/16W (1608)
R321	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R322	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R323	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R324	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R325	1-218-685-11	s	CESISTOR CHIP 510 1/16W (1608)
R326	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R327	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R328	1-216-673-11	s	RESISTOR,CHIP 8.2K 1/10W(2012)
R330	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R331	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R332	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R333	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R334	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R335	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R336	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R337	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R338	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R354	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R356	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R401	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R402	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R403	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R404	1-218-689-11	s	RESISTOR CHIP 750 1/16W (1608)
R405	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R406	1-218-689-11	s	RESISTOR CHIP 750 1/16W (1608)
R408	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R409	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R410	1-216-639-11	s	RESISTOR,CHIP 330 1/10W (2012)
R411	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R412	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R413	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R414	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R415	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R416	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R417	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R420	1-218-685-11	s	CESISTOR CHIP 510 1/16W (1608)
R421	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R422	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R423	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R424	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R425	1-218-685-11	s	CESISTOR CHIP 510 1/16W (1608)
R426	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R427	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R428	1-216-673-11	s	RESISTOR,CHIP 8.2K 1/10W(2012)
R430	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R431	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R432	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R433	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R434	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R435	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R436	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R437	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R438	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R454	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R456	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R541	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R542	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R545	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R548	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R551	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R552	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R553	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R554	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R555	1-216-849-11	s	RESISTOR,CHIP 220K 1/16 1608
R556	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R558	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R561	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R562	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R563	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R564	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R567	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R568	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R569	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R570	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R571	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R572	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R573	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R574	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R575	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R576	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP Description
R577	1-216-651-11	s RESISTOR,CHIP 1K 1/10W(2012)
R578	1-216-089-91	s RESISTOR, CHIP 47K
R579	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R580	1-218-756-11	s RESISTOR,CHIP 150K 1/10W(2012)
R581	1-216-692-11	s RESISTOR CHIP 51K 1/10W (2012)
R582	1-216-651-11	s RESISTOR,CHIP 1K 1/10W(2012)
R583	1-216-089-91	s RESISTOR, CHIP 47K
R584	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R585	1-218-756-11	s RESISTOR,CHIP 150K 1/10W(2012)
R586	1-218-733-11	s RESISTOR,CHIP 51K 1/16W (1608)
R588	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R589	1-216-089-91	s RESISTOR, CHIP 47K
R591	1-216-001-00	s RESISTOR, CHIP 10 1/10W(2012)
R592	1-216-089-91	s RESISTOR, CHIP 47K
R593	1-216-657-11	s RESISTOR,CHIP 1.8K 1/10W(2012)
R594	1-216-657-11	s RESISTOR,CHIP 1.8K 1/10W(2012)
R595	1-216-676-11	s RESISTOR,CHIP 11K 1/10W(2012)
R596	1-216-699-11	s RESISTOR,CHIP 100K 1/10W(2012)
R597	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R603	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R604	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R605	1-218-713-11	s RESISTOR,METAL 7.5K 1/16W
R606	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R607	1-218-713-11	s RESISTOR,METAL 7.5K 1/16W
R608	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R609	1-218-672-11	s RESISTOR,CHIP 150 1/16W(1608)
R610	1-218-677-11	s RESISTOR,CHIP 240 1/16W (1608)
R611	1-218-713-11	s RESISTOR,METAL 7.5K 1/16W
R612	1-218-713-11	s RESISTOR,METAL 7.5K 1/16W
R613	1-216-803-11	s RESISTOR,CHIP 33 1/16W 1608
R614	1-216-803-11	s RESISTOR,CHIP 33 1/16W 1608
R615	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R616	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R617	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R619	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R620	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R621	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R622	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R625	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R630	1-216-643-11	s RESISTOR CHIP 470 1/10W (2012)
R632	1-218-681-11	s RESISTOR CHIP 360 1/16W (1608)
R633	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R634	1-216-611-11	s RESISTOR,CHIP 22 1/10W (2012)
R703	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R704	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R705	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R706	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R707	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R708	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R709	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R710	1-216-636-11	s RESISTOR CHIP 240 1/10W (2012)
R711	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R712	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R713	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R714	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R715	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R716	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R717	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R718	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP Description
R720	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R721	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R722	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R725	1-218-708-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R730	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R732	1-218-681-11	s RESISTOR CHIP 360 1/16W (1608)
R733	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R734	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R803	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R804	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R805	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R806	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R807	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R808	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R809	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R810	1-216-636-11	s RESISTOR CHIP 240 1/10W (2012)
R811	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R812	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R813	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R814	1-216-803-11	s RESISTOR,CHIP 33 1/16W 1608
R815	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R816	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R817	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R818	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R820	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R821	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R822	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R825	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R830	1-216-643-11	s RESISTOR CHIP 470 1/10W (2012)
R832	1-216-640-11	s RESISTOR CHIP 160 1/10W (2012)
R833	1-216-651-11	s RESISTOR,CHIP 1K 1/10W(2012)
R834	1-216-611-11	s RESISTOR,CHIP 22 1/10W (2012)
R903	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R904	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R905	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R906	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R907	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R908	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R909	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R910	1-216-636-11	s RESISTOR CHIP 240 1/10W (2012)
R911	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R912	1-216-672-11	s RESISTOR,CHIP 7.5K 1/10W(2012)
R913	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R914	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R915	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R916	1-216-833-11	s RESISTOR,CHIP 10K 1/16W 1608
R917	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R918	1-216-067-00	s RESISTOR,CHIP 5.6K 1/10W(2012)
R920	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R921	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R922	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R925	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R930	1-216-643-11	s RESISTOR CHIP 470 1/10W (2012)
R932	1-216-640-11	s RESISTOR CHIP 160 1/10W (2012)
R933	1-216-651-11	s RESISTOR,CHIP 1K 1/10W(2012)
R934	1-216-611-11	s RESISTOR,CHIP 22 1/10W (2012)
R1005	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R1006	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R1007	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R1008	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1015	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R1016	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1018	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1019	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1020	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1021	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1022	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1023	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1024	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1025	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1026	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1027	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1028	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1029	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1030	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1031	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1032	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1033	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1034	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1035	1-216-672-11	s	RESISTOR,CHIP 7.5K 1/10W(2012)
R1036	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1037	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1038	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1039	1-216-672-11	s	RESISTOR,CHIP 7.5K 1/10W(2012)
R1040	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1041	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1042	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1043	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1044	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1045	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1046	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1047	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1048	1-216-295-91	s	RESISTOR,CHIP 0 (1/10W)
R1050	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R1051	1-216-041-00	s	RESISTOR,CHIP 470 1/10W(2012)
R1052	1-216-041-00	s	RESISTOR,CHIP 470 1/10W(2012)
R1053	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R1054	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R2001	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R2002	1-216-089-91	s	RESISTOR,CHIP 47K
R6000	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R6001	1-216-061-00	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R6002	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R6003	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R6004	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
RV551	1-241-264-11	s	RESISTOR ADJ 10K (CERMET)
S401	1-570-835-11	s	SWITCH,SLIDE (2-2-3)
S402	1-570-845-11	s	SWITCH,SLIDE (2-2-2)
S403	1-570-845-11	s	SWITCH,SLIDE (2-2-2)
S404	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S405	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S406	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S407	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S408	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S409	1-570-853-11	s	SWITCH,SLIDE (1-1-3)
S410	1-570-863-11	s	SWITCH,SLIDE (1-1-2)

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Ref. No. or Q'ty	Part No.	SP	Description
S411	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S412	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S413	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S414	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S415	1-570-863-11	s	SWITCH,SLIDE (1-1-2)
S416	1-571-217-11	s	SWITCH,SLIDE (2-4-2)
S417	1-571-217-11	s	SWITCH,SLIDE (2-4-2)
S418	1-571-217-11	s	SWITCH,SLIDE (2-4-2)
S419	1-571-217-11	s	SWITCH,SLIDE (2-4-2)
S420	1-571-087-11	s	SWITCH,SLIDE (2-4-3)
S421	1-571-087-11	s	SWITCH,SLIDE (2-4-3)
S422	1-571-087-11	s	SWITCH,SLIDE (2-4-3)
S423	1-571-087-11	s	SWITCH,SLIDE (2-4-3)
S424	1-570-853-11	s	SWITCH,SLIDE (1-1-3)

CS-25 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-638-701-12	o	PRINTED WIRING BOARD, CS-25
CN1	1-564-013-11	o	PIN,CONNECTOR 3P
PD3	8-719-939-05	s	PHOTO INTERRUPTER GP1S54
R4	1-247-827-11	s	RESISTOR,CARBON(SMALL)680 1/4W
R5	1-247-871-11	s	RES,CARBON(SMALL)47K

CS-26 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-638-702-11	o	PRINTED WIRING BOARD, CS-26
7pcs	1-564-831-11	o	CONNECTOR CONTACT
7pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
CN1	1-562-740-11	o	HOUSING, CONNECTOR 7P
CN2	1-564-013-11	o	PIN,CONNECTOR 3P
CN957	1-569-200-21	o	HOUSING, CONNECTOR 7P
PD1	8-719-939-05	s	PHOTO INTERRUPTER GP1S54
PD2	8-719-939-05	s	PHOTO INTERRUPTER GP1S54
R1	1-249-413-11	s	RES,CARBON 470 1/4W SMALL
R2	1-247-871-11	s	RES,CARBON(SMALL)47K
R3	1-247-871-11	s	RES,CARBON(SMALL)47K

DC-85 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-658-773-11	o	PRINTED WIRING BOARD, DC-85
CN1	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P
CN2	1-565-875-11	o	PIN,CONNECTOR(PC BOARD)3P

Ref. No.	or Q'ty	Pa
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(DCP-22 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C234	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C235	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C236	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C238	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C240	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C241	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C242	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C243	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C244	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C245	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C248	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C249	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C250	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C251	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C253	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C254	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C255	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C256	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C257	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C258	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C259	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C260	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C261	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C262	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C265	1-162-914-11	s	CAPACITOR,CERAMIC 9PF/50V 1608
C266	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C267	1-162-965-11	s	CAPACITOR,CERAMIC 1500PF/50V B
C268	1-164-230-11	s	CAP, CERAMIC 220PF CH 1608
C269	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C270	1-162-908-11	s	CAPACITOR,CERAMIC 3PF/50V 1608
C271	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7M/16V
C272	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C273	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C274	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C275	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C276	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C277	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C278	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C279	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C280	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C281	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C282	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C283	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C284	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C285	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C286	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C287	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C288	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C289	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C290	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C291	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C292	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C293	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C294	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C295	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C296	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C297	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C298	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C299	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C300	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C301	1-128-709-11	s	CAPACITOR,POLYPYRROLE 68MF
C304	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C305	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C306	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C307	1-107-854-11	s	CAPACITOR TANTALUM 68MF/6.3V
C308	1-107-854-11	s	CAPACITOR TANTALUM 68MF/6.3V
C400	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C403	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C406	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C410	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C411	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C412	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C413	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
C414	1-127-708-11	s	CAP, POLYPYRROLE 100MF
C415	1-127-707-11	s	CAPACITOR,POLYPYRROLE 150MF
C416	1-127-707-11	s	CAPACITOR,POLYPYRROLE 150MF
C417	1-127-707-11	s	CAPACITOR,POLYPYRROLE 150MF
C418	1-127-708-11	s	CAP, POLYPYRROLE 100MF
C419	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C421	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C422	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C423	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C424	1-128-709-11	s	CAPACITOR,POLYPYRROLE 68MF
C425	1-128-709-11	s	CAPACITOR,POLYPYRROLE 68MF
C426	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C427	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C500	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C501	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C504	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C505	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C506	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C507	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C508	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C509	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C510	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C511	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
CN1	1-566-758-11	o	PIN,CONNECTOR 3P
CN2	1-566-762-11	o	PIN,CONNECTOR(PC BOARD)7P
D200	8-719-941-86	s	DIODE DAN202U
FB100	1-412-363-21	s	MICRO INDUCTOR
FB201	1-412-363-21	s	MICRO INDUCTOR
FB202	1-412-363-21	s	MICRO INDUCTOR
FB203	1-412-363-21	s	MICRO INDUCTOR
FB204	1-412-363-21	s	MICRO INDUCTOR
FB205	1-412-363-21	s	MICRO INDUCTOR
FB500	1-412-363-21	s	MICRO INDUCTOR
FL200	1-239-931-11	s	FILTER, LOW PASS
IC100	8-759-389-48	s	IC 74LCX16374MTDX
IC101	8-759-389-48	s	IC 74LCX16374MTDX
IC102	8-759-549-15	s	IC SN74LV245APWR
IC103	8-759-549-15	s	IC SN74LV245APWR
IC104	8-759-547-49	s	IC CDC509PWR
IC105	8-759-588-03	s	IC CXD9092GB
IC106	8-759-559-40	s	IC MB811643242A-100FN
IC107	8-759-386-27	s	IC 74LCX04MTCX
IC108	8-759-389-26	s	IC 74LCX08MTCX
IC203	8-759-578-67	s	IC CXD9100R
IC204	8-759-929-26	s	IC TL431CPS
IC205	8-759-542-84	s	IC S-80821ANUP-EDJ-T2
IC207	8-759-485-82	s	IC MC34182DR2
IC208	8-759-391-22	s	IC CA3094M
IC209	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC210	8-759-098-16	s	IC LT1227CS8
IC211	8-759-271-04	s	IC LT1252CS8
IC212	8-759-391-22	s	IC CA3094M
IC213	8-759-098-16	s	IC LT1227CS8
IC214	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC215	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC216	8-759-430-32	s	IC TLC2933IPWR
IC217	8-759-389-31	s	IC 74LCX125MTCX
IC218	8-759-389-33	s	IC 74LCX244MTCX
IC219	8-759-485-82	s	IC MC34182DR2
IC400	8-759-549-15	s	IC SN74LV245APWR
IC401	8-759-651-59	s	IC SN74CBTLV3245APWR
IC402	8-759-651-59	s	IC SN74CBTLV3245APWR
IC403	8-759-545-23	s	IC ISPLSI2128V-80LT100
IC404	8-759-185-42	s	IC LM4040AIM3-2.5
IC405	8-759-173-16	s	IC TL062CPW
IC500	8-759-421-88	s	IC SN74LVC821APW (E05)
IC501	8-759-547-49	s	IC CDC509PWR
L200	1-412-166-11	s	MICRO INDUCTOR 0.18UH
L201	1-412-143-11	s	INDUCTOR,MICRO 39UH
Q400	8-729-117-32	s	TRANSISTOR 2SC4177
Q401	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q402	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q403	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
R100	1-218-660-91	s	RESISTOR CHIP 47 1/16W (1608)
R101	1-218-660-91	s	RESISTOR CHIP 47 1/16W (1608)
R102	1-218-660-91	s	RESISTOR CHIP 47 1/16W (1608)
R103	1-218-660-91	s	RESISTOR CHIP 47 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R296	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R297	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R298	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R299	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R300	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R301	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R302	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R303	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R304	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R305	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R306	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R307	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R308	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R309	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R310	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R311	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R312	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R313	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R314	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R315	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R316	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R317	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R318	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R319	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R320	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R321	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R322	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R323	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R324	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R325	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R326	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R327	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R329	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R330	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R331	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R332	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R333	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R334	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R337	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R339	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R340	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R341	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R342	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R343	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R344	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R345	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R346	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R347	1-218-776-11	s	RESISTOR,CHIP 1M 1/10W (2012)
R348	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R349	1-218-721-11	s	RESISTOR,CHIP 16K 1/16W(1608)
R350	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R351	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R352	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R353	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R354	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R355	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R356	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R400	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R401	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R402	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R403	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R404	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R405	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R406	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R407	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R408	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R409	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R410	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R411	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R412	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R413	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R414	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R415	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R416	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R417	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R418	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R419	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R420	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R421	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R422	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R423	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R424	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R425	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R426	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R427	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R428	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R429	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R430	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R431	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R432	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R433	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R434	1-218-718-11	s	RESISTOR,CHIP 12K 1/16W (1608)
R435	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R436	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R437	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R438	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R439	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R440	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R441	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R442	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R443	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R444	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R445	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R447	1-218-660-91	s	RESISTOR,CHIP 47 1/16W(1608)
R448	1-218-602-11	s	RESISTOR,CHIP 1/1W (6331)
R449	1-218-602-11	s	RESISTOR,CHIP 1/1W (6331)
R500	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R501	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R502	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R503	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R504	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R505	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R506	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R508	1-218-660-91	s	RESISTOR,CHIP 47 1/16W(1608)
R509	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R510	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R511	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R512	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

(DCP-22 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R513	1-218-660-91	s RESISTOR,CHIP 47 1/16W(1608)
R514	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R515	1-218-660-91	s RESISTOR,CHIP 47 1/16W(1608)
R516	1-218-660-91	s RESISTOR,CHIP 47 1/16W(1608)
R520	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R521	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R522	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R523	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R524	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R525	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
RB100	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB101	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB102	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB103	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB104	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB105	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB106	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB107	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB108	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB109	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB110	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB111	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB112	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB113	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB114	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB115	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB116	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB400	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB401	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB402	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB403	1-236-908-11	s RESISTOR,NETWORK 10K (3216)
RB404	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB405	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB500	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB501	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB502	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB503	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RV200	1-237-035-11	s RESISTOR,ADJ,CERMET 5K
RV201	1-237-036-11	s RESISTOR, ADJ,CERMET 10K
S100	1-692-270-41	s SWITCH, SLIDE
X200	1-767-618-11	s OSCILLATOR, CRYSTAL

DET-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-638-705-12	o PRINTED WIRING BOARD, DET-15
CN1	1-506-482-11	s PIN, CONNECTOR 3P
PD1	8-719-939-05	s PHOTO INTERRUPTER GP1S54
R1	1-249-409-11	s RES,CARBON 220 1/4W (SMALL)
R2	1-247-847-11	s RESISTOR, CARBON (SMALL) 4.7K

DET-36 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8321-358-A	o MOUNTED CIRCUIT BOARD, DET-36
CN1	1-506-469-11	s PIN,CONNECTOR 4P
PD1	8-719-988-15	s PHOTO REFLECTOR PR-11-C
PD2	8-719-988-15	s PHOTO REFLECTOR PR-11-C
Q1	8-729-117-32	s TRANSISTOR 2SC4177
Q2	8-729-117-32	s TRANSISTOR 2SC4177
R1	1-216-041-00	s RESISTOR, CHIP 470 1/10W(2012)
R2	1-216-109-00	s RESISTOR CHIP 330K 1/10W(2012)
R3	1-216-109-00	s RESISTOR CHIP 330K 1/10W(2012)

Ref. No. or Q'ty	Part No.	SP	Description
C409	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C413	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C414	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C415	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C416	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C417	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C418	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C419	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C421	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C422	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C423	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C424	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C425	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C426	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C427	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C428	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C429	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C430	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C431	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C432	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C433	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C434	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C435	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C436	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C437	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C438	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C439	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C440	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C441	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C442	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C443	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C444	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C445	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C446	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C447	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C448	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C449	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C450	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C451	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C452	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C453	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C454	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C455	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C456	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C457	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C458	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C459	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C460	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C461	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C462	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C463	1-128-709-11	s	CAPACITOR,POLYPYRROLE 68MF
C500	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C501	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C503	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C563	1-128-709-11	s	CAPACITOR,POLYPYRROLE 68MF
C600	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C602	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C604	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C605	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C606	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C609	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C610	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C613	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C614	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C615	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C619	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C626	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C628	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C630	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C631	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C632	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C633	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C634	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C635	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C636	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C637	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C638	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C639	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C640	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C641	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C700	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C701	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C702	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C703	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C705	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C706	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C707	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C708	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C709	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C800	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C802	1-128-707-11	s	CAPACITOR,POLYPYRROLE 220MF
C803	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C804	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C805	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C807	1-128-707-11	s	CAPACITOR,POLYPYRROLE 220MF
C809	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C812	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C813	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C815	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C816	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C818	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
CN201	1-774-265-11	s	CONNECTOR, BOARD TO BOARD 30P
CN202	1-774-265-11	s	CONNECTOR, BOARD TO BOARD 30P
CN203	1-774-263-11	s	CONNECTOR, BOARD TO BOARD 20P
CN204	1-774-264-11	s	CONNECTOR, BOARD TO BOARD 26P
CN205	1-774-265-11	s	CONNECTOR, BOARD TO BOARD 30P
D700	8-719-938-72	s	DIODE SB01-05CP (RECTI)
D701	8-719-938-72	s	DIODE SB01-05CP (RECTI)
D702	8-719-938-72	s	DIODE SB01-05CP (RECTI)
D703	8-719-938-72	s	DIODE SB01-05CP (RECTI)
FB360	1-543-622-11	s	BEAD,FERRITE (CHIP)
FL800	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
FL801	1-117-193-11	s	CAPACITOR,3 TERMINAL 1.5MF/50V
IC101	8-759-386-26	s	IC 74LCX574MTCX
IC102	8-759-386-26	s	IC 74LCX574MTCX
IC103	8-759-567-34	s	IC KM416S1020CT-G10T
IC104	8-759-567-34	s	IC KM416S1020CT-G10T
IC105	8-759-389-48	s	IC 74LCX16374MTDX
IC106	8-759-421-88	s	IC SN74LVC821APW (E05)
IC201	8-759-567-34	s	IC KM416S1020CT-G10T
IC202	8-759-567-34	s	IC KM416S1020CT-G10T
IC300	8-759-498-17	s	IC CXD9015CR
IC301	8-759-549-15	s	IC SN74LV245APWR
IC302	8-759-386-28	s	IC 74LCX00MTCX
IC303	8-759-567-34	s	IC KM416S1020CT-G10T
IC305	8-759-549-15	s	IC SN74LV245APWR
IC360	8-759-547-50	s	IC CDC516DGG
IC361	8-759-386-27	s	IC 74LCX04MTCX
IC400	8-759-498-89	s	IC CXD9020CR
IC402	8-759-567-34	s	IC KM416S1020CT-G10T
IC403	8-759-567-34	s	IC KM416S1020CT-G10T
IC404	8-759-567-34	s	IC KM416S1020CT-G10T
IC500	8-759-498-89	s	IC CXD9020CR
IC502	8-759-567-34	s	IC KM416S1020CT-G10T
IC503	8-759-567-34	s	IC KM416S1020CT-G10T
IC504	8-759-567-34	s	IC KM416S1020CT-G10T
IC601	8-759-567-34	s	IC KM416S1020CT-G10T
IC602	8-759-567-34	s	IC KM416S1020CT-G10T
IC700	8-759-549-15	s	IC SN74LV245APWR
IC701	8-759-549-15	s	IC SN74LV245APWR
IC702	8-759-549-15	s	IC SN74LV245APWR
IC703	8-759-549-15	s	IC SN74LV245APWR
IC704	8-759-548-99	s	IC SN74LV08APWR
IC705	8-759-549-15	s	IC SN74LV245APWR
IC706	8-759-549-15	s	IC SN74LV245APWR
IC707	8-759-549-15	s	IC SN74LV245APWR
IC708	8-759-549-15	s	IC SN74LV245APWR
IC709	8-759-549-15	s	IC SN74LV245APWR
IC800	8-729-024-50	s	TRANSISTOR SI9936DY
IC801	8-759-549-15	s	IC SN74LV245APWR
IC802	8-729-024-50	s	TRANSISTOR SI9936DY
IC803	8-729-024-50	s	TRANSISTOR SI9936DY
IC804	8-729-024-50	s	TRANSISTOR SI9936DY
IC805	8-729-024-50	s	TRANSISTOR SI9936DY

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Ref. No. or Q'ty	Part No.	SP	Description
IC806	8-729-024-50	s	TRANSISTOR SI9936DY
IC807	8-729-024-50	s	TRANSISTOR SI9936DY
IC808	8-729-024-50	s	TRANSISTOR SI9936DY
Q801	8-729-928-81	s	TRANSISTOR DTC144EE
Q804	8-729-928-81	s	TRANSISTOR DTC144EE
Q806	8-729-928-81	s	TRANSISTOR DTC144EE
Q807	8-729-928-81	s	TRANSISTOR DTC144EE
Q809	8-729-928-81	s	TRANSISTOR DTC144EE
R101	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R102	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R103	1-216-296-91	s	RESISTOR, CHIP
R104	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R105	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R106	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R108	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R109	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R110	1-218-660-91	s	RESISTOR CHIP 47 1/16W (1608)
R111	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R112	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R114	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R115	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R116	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R117	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R118	1-216-296-91	s	RESISTOR, CHIP
R119	1-216-296-91	s	RESISTOR, CHIP
R200	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R201	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R202	1-216-296-91	s	RESISTOR, CHIP
R203	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R204	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R205	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R206	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R207	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R209	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R210	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R211	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R212	1-216-296-91	s	RESISTOR, CHIP
R213	1-216-296-91	s	RESISTOR, CHIP
R300	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R301	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R302	1-218-660-91	s	RESISTOR CHIP 47 1/16W (1608)
R304	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R305	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R306	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R308	1-216-296-91	s	RESISTOR, CHIP
R310	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R311	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R312	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R313	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R315	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R316	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R320	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R323	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R324	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R325	1-218-674-11	s	RESISTOR CHIP 180 1/16W (1608)
R326	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R327	1-218-694-11	s	RESISTOR CHIP 1.2K1/16W(1608)
R328	1-218-667-11	s	RESISTOR CHIP 91 1/16W (1608)
R329	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)

(DPR-125 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R330	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R331	1-218-694-11	s	RESISTOR CHIP 1.2K1/16W(1608)
R332	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R333	1-216-296-91	s	RESISTOR, CHIP
R360	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R361	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R400	1-216-296-91	s	RESISTOR, CHIP
R401	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R402	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R403	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R404	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R405	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R406	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R407	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R408	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R409	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R410	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R411	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R412	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R413	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R414	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R415	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R416	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R417	1-216-296-91	s	RESISTOR, CHIP
R418	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R419	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R420	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R421	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R422	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R423	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R424	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R425	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R426	1-216-296-91	s	RESISTOR, CHIP
R428	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R429	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R430	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R431	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R432	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R433	1-218-718-11	s	RESISTOR CHIP 12K 1/16W (1608)
R434	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R435	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R436	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R437	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R438	1-216-296-91	s	RESISTOR, CHIP
R439	1-216-296-91	s	RESISTOR, CHIP
R440	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R441	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R442	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R443	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R444	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R445	1-216-296-91	s	RESISTOR, CHIP
R446	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R500	1-216-296-91	s	RESISTOR, CHIP
R501	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R502	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R503	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R504	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R505	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R506	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)

(DPR-125 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
RB503	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB504	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB601	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB602	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB603	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB605	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB607	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB608	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB609	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB611	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
RB612	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB613	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB700	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB701	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB704	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB705	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB706	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB707	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB708	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB709	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB710	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB711	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB712	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB715	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB716	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB717	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB718	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB719	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB720	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB721	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB722	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB723	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB724	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB725	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB726	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB727	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB728	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB729	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB730	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB731	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB732	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB733	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB734	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB735	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB736	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB737	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB738	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB739	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB740	1-239-409-11	s RESISTOR NETWORK 47 (1608)
RB741	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB742	1-236-907-11	s RESISTOR BLOCK 100K (1608)
RB801	1-239-711-11	s NETWORK, RESISTOR 0 (1608)
X300	1-767-484-11	s OSCILLATOR, CRYSTAL
X301	1-767-483-11	s OSCILLATOR, CRYSTAL

DUS-173 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8321-342-A	o MOUNTED CIRCUIT BOARD, DUS-173
CN1	1-566-759-11	o PIN, CONNECTOR 4P
Q1	8-729-209-07	s TRANSISTOR 2SC4213-B
Q2	8-729-209-07	s TRANSISTOR 2SC4213-B
Q3	8-729-209-07	s TRANSISTOR 2SC4213-B
Q4	8-729-209-07	s TRANSISTOR 2SC4213-B
R1	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R2	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R3	1-216-829-11	s RESISTOR, CHIP 4.7K 1/16W 1608
R4	1-216-829-11	s RESISTOR, CHIP 4.7K 1/16W 1608
R5	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R6	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R7	1-216-829-11	s RESISTOR, CHIP 4.7K 1/16W 1608
R8	1-216-829-11	s RESISTOR, CHIP 4.7K 1/16W 1608



EQ-76 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-353-A	o	MOUNTED CIRCUIT BOARD, EQ-76
C101	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C102	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C103	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C105	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C106	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C107	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C108	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C109	1-162-964-11	s	CAPACITOR, CERAMIC 1000PF/50V B
C110	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C112	1-164-315-11	s	CAPACITOR, CERAMIC 470PF/50V CH
C113	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C114	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C115	1-162-921-11	s	CAPACITOR, CERAMIC 33PF/50V CH
C116	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C117	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C118	1-162-921-11	s	CAPACITOR, CERAMIC 33PF/50V CH
C119	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C120	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C121	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C122	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C123	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C124	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C125	1-164-227-11	s	CAPACITOR, CERAMIC 0.022MF/25V
C126	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C127	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C128	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C129	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C130	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C131	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C132	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C133	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C134	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C136	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C138	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C139	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C140	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C141	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C142	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C143	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C144	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C145	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C146	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C147	1-162-915-11	s	CAPACITOR, CERAMIC 10PF/50V CH
C148	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C200	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C201	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C202	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C203	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C204	1-162-912-11	s	CAPACITOR, CERAMIC 7PF/50V 1608
C205	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C206	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C207	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C208	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C209	1-162-964-11	s	CAPACITOR, CERAMIC 1000PF/50V B
C210	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C211	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C212	1-164-315-11	s	CAPACITOR, CERAMIC 470PF/50V CH

(EQ-76 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C213	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C214	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C215	1-162-921-11	s	CAPACITOR, CERAMIC 33PF/50V CH
C216	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C217	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C218	1-162-921-11	s	CAPACITOR, CERAMIC 33PF/50V CH
C219	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C220	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C221	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C222	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C223	1-164-227-11	s	CAPACITOR, CERAMIC 0.022MF/25V
C224	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C225	1-162-915-11	s	CAPACITOR, CERAMIC 10PF/50V CH
C226	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C227	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C228	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C229	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C230	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C231	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C233	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C235	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C236	1-113-994-11	s	CAPACITOR TANTALUM 6.8MF/16V
C237	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C238	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C239	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C240	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C241	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C242	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C243	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C244	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C245	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C246	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C247	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C248	1-162-912-11	s	CAPACITOR, CERAMIC 7PF/50V 1608
C249	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C250	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C251	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C252	1-162-912-11	s	CAPACITOR, CERAMIC 7PF/50V 1608
C253	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C254	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C255	1-162-912-11	s	CAPACITOR, CERAMIC 7PF/50V 1608
C256	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C257	1-162-910-11	s	CAPACITOR, CERAMIC 5PF/50V 1608
C258	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C301	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C302	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C303	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C305	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C306	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C307	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C308	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C309	1-162-964-11	s	CAPACITOR, CERAMIC 1000PF/50V B
C310	1-164-505-11	s	CAPACITOR, CHIP CERAMIC 2.2MF
C312	1-164-315-11	s	CAPACITOR, CERAMIC 470PF/50V CH
C313	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F
C315	1-162-921-11	s	CAPACITOR, CERAMIC 33PF/50V CH
C316	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C317	1-164-739-11	s	CAPACITOR CERAMIC 560PF (1608)
C318	1-164-156-11	s	CAPACITOR, CERAMIC 0.1MF/25V F

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Ref. No. or Q'ty	Part No.	SP	Description
C564	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C565	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C566	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C567	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C568	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C569	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C601	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C602	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C603	1-115-581-11	s	CAPACITOR CHIP ELECT 100MF/16V
C604	1-115-581-11	s	CAPACITOR CHIP ELECT 100MF/16V
C605	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C606	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C607	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C608	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C609	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C610	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C611	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C612	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C613	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C614	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C615	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C702	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C703	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C704	1-135-201-11	s	CAPACITOR,CHIP TANTAL 10MF/4V
C705	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C706	1-104-823-11	s	CAPACITOR,CHIP TANTAL 47MF/16V
C707	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C708	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C709	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C710	1-135-070-00	s	CAPACITOR TANTALUM 0.1MF/35V
C711	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C712	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C713	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C714	1-127-962-21	s	CAPACITOR, CHIP FILM 0.00033MF
C715	1-127-947-21	s	CAPACITOR,CHIP FILM 0.0033MF
C716	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C717	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C718	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C719	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C720	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C721	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C722	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C723	1-135-201-11	s	CAPACITOR,CHIP TANTAL 10MF/4V
C724	1-107-689-21	s	CAPACITOR TANTALUM 1MF/35V
C725	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C726	1-163-139-00	s	CAPACITOR,CHIP CERAMIC 820PF
C727	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C728	1-109-899-11	s	CAPACITOR,CHIP CERAMIC 330PF
C729	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C730	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C731	1-119-751-11	s	DAPACITOR,TANTALUM 22MF/16V
C732	1-135-201-11	s	CAPACITOR,CHIP TANTAL 10MF/4V
C733	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C734	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C735	1-109-900-11	s	CAPACITOR, CHIP CERAMIC 470PF

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Ref. No. or Q'ty	Part No.	SP	Description
C736	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C737	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C738	1-107-689-21	s	CAPACITOR TANTALUM 1MF/35V
C739	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C740	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C741	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C742	1-127-950-21	s	CAPACITOR FILM 0.01MF/16V
C743	1-104-847-11	s	CAPACITOR TANTALUM 22MF/4V
C744	1-135-145-11	s	CAPACITOR TANTALUM 0.47MF/35V
C745	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C746	1-107-689-21	s	CAPACITOR TANTALUM 1MF/35V
C747	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C748	1-107-689-21	s	CAPACITOR TANTALUM 1MF/35V
C1712	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN301	1-564-005-11	o	PIN, CONNECTOR 6P
CN302	1-566-759-11	o	PIN,CONNECTOR 4P
CN303	1-506-471-11	o	PIN,CONNECTOR 6P
CN304	1-506-468-11	o	PIN,CONNECTOR 3P
CN305	1-580-538-11	o	PIN, CONNECTOR (PC BOARD) 18P
CN911	1-774-269-11	s	CONNECTOR, BOARD TO BOARD 30P
CN912	1-774-267-11	s	CONNECTOR, BOARD TO BOARD 20P
CN913	1-774-269-11	s	CONNECTOR, BOARD TO BOARD 30P
CT701	1-426-884-11	s	TRANSFORMER, BIAS OSCILLATION
CV701	1-141-365-11	s	CAPACITOR, TRIMMER
D101	8-719-820-61	s	DIODE 1SS294
D102	8-719-029-61	s	DIODE RD3.6UH-T1
D201	8-719-820-61	s	DIODE 1SS294
D202	8-719-029-61	s	DIODE RD3.6UH-T1
D301	8-719-820-61	s	DIODE 1SS294
D302	8-719-029-61	s	DIODE RD3.6UH-T1
D401	8-719-820-61	s	DIODE 1SS294
D402	8-719-029-61	s	DIODE RD3.6UH-T1
D601	8-719-029-62	s	DIODE RD3.9UH-T1
D602	8-719-029-62	s	DIODE RD3.9UH-T1
D701	8-719-941-86	s	DIODE DAN202U
D702	8-719-941-86	s	DIODE DAN202U
DL101	1-416-390-11	s	DELAY LINE
DL201	1-416-390-11	s	DELAY LINE
DL301	1-416-390-11	s	DELAY LINE
DL401	1-416-390-11	s	DELAY LINE
IC101	8-759-260-55	s	IC TLC272CPW (E05)
IC102	8-759-260-55	s	IC TLC272CPW (E05)
IC103	8-752-081-11	s	IC CXA3093Q
IC105	8-752-371-18	s	IC CXD2302Q
IC106	8-759-173-13	s	IC CXD8815Q
IC108	8-759-389-37	s	IC 74LCX374MTCX
IC200	8-759-075-53	s	IC LM35DM
IC201	8-759-260-55	s	IC TLC272CPW (E05)
IC202	8-759-260-55	s	IC TLC272CPW (E05)
IC203	8-752-081-11	s	IC CXA3093Q
IC204	8-759-386-27	s	IC 74LCX04MTCX
IC205	8-752-371-18	s	IC CXD2302Q
IC206	8-759-389-37	s	IC 74LCX374MTCX
IC207	8-759-560-33	s	IC DS90LV031ATMX
IC301	8-759-260-55	s	IC TLC272CPW (E05)
IC302	8-759-260-55	s	IC TLC272CPW (E05)

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Ref. No. or Q'ty	Part No.	SP Description
IC303	8-752-081-11	s IC CXA3093Q
IC305	8-752-371-18	s IC CXD2302Q
IC306	8-759-173-13	s IC CXD8815Q
IC308	8-759-389-37	s IC 74LCX374MTCX
IC401	8-759-260-55	s IC TLC272CPW (E05)
IC402	8-759-260-55	s IC TLC272CPW (E05)
IC403	8-752-081-11	s IC CXA3093Q
IC404	8-759-386-27	s IC 74LCX04MTCX
IC405	8-752-371-18	s IC CXD2302Q
IC406	8-759-389-37	s IC 74LCX374MTCX
IC407	8-759-560-33	s IC DS90LV031ATMX
IC501	8-759-560-34	s IC DS90LV032ATMX
IC502	8-759-560-34	s IC DS90LV032ATMX
IC503	8-759-389-37	s IC 74LCX374MTCX
IC504	8-759-560-33	s IC DS90LV031ATMX
IC505	8-759-560-33	s IC DS90LV031ATMX
IC506	8-759-112-53	s IC UPC1663G
IC507	8-759-112-53	s IC UPC1663G
IC508	8-759-271-18	s IC NJM1496V
IC509	8-759-271-18	s IC NJM1496V
IC510	8-759-260-55	s IC TLC272CPW (E05)
IC511	8-759-260-55	s IC TLC272CPW (E05)
IC601	8-759-058-58	s IC TC7S04FU-TE85R
IC602	8-759-082-59	s IC TC7W32FU
IC603	8-759-082-59	s IC TC7W32FU
IC604	8-759-058-62	s IC TC7S08FU-TE85R
IC605	8-759-635-27	s IC M62352GP
IC606	8-759-635-27	s IC M62352GP
IC701	8-759-491-46	s IC TC74VHCT04AFT (EL)
IC702	8-759-710-28	s IC NJM4565M-A
IC703	8-759-491-45	s IC TC74VHCT00AFT(EL)
IC704	8-759-710-28	s IC NJM4565M-A
IC705	8-759-710-28	s IC NJM4565M-A
IC706	8-759-530-05	s IC TC4053BFT (EL.N)
IC707	8-759-710-28	s IC NJM4565M-A
L200	1-412-982-21	s INDUCTOR (SMALL TYPE)
L201	1-412-982-21	s INDUCTOR (SMALL TYPE)
L203	1-412-982-21	s INDUCTOR (SMALL TYPE)
L204	1-412-982-21	s INDUCTOR (SMALL TYPE)
L205	1-412-982-21	s INDUCTOR (SMALL TYPE)
L206	1-412-982-21	s INDUCTOR (SMALL TYPE)
L207	1-412-982-21	s INDUCTOR (SMALL TYPE)
L208	1-412-982-21	s INDUCTOR (SMALL TYPE)
L601	1-409-579-11	s COIL, CHOKE 8.2UH
L602	1-409-579-11	s COIL, CHOKE 8.2UH
L603	1-409-579-11	s COIL, CHOKE 8.2UH
L604	1-409-579-11	s COIL, CHOKE 8.2UH
L701	1-409-579-11	s COIL, CHOKE 8.2UH
L702	1-409-579-11	s COIL, CHOKE 8.2UH
L703	1-408-785-21	s CHIP INDUCTOR
LV701	1-410-853-21	s COIL, VARIABLE
Q100	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q101	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q102	8-729-140-47	s TRANSISTOR 2SC3735-L-B35
Q103	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q104	8-729-907-46	s TRANSISTOR IMZ1
Q105	8-729-926-27	s TRANSISTOR FMW10
Q106	8-729-926-27	s TRANSISTOR FMW10

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Ref. No. or Q'ty	Part No.	SP Description
Q200	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q201	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q202	8-729-140-47	s TRANSISTOR 2SC3735-L-B35
Q203	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q204	8-729-907-46	s TRANSISTOR IMZ1
Q205	8-729-926-27	s TRANSISTOR FMW10
Q206	8-729-926-27	s TRANSISTOR FMW10
Q207	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q208	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q209	8-729-907-46	s TRANSISTOR IMZ1
Q210	8-729-926-27	s TRANSISTOR FMW10
Q211	8-729-926-27	s TRANSISTOR FMW10
Q212	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q213	8-729-028-13	s TRANSISTOR 2SA1885-T106
Q214	8-729-907-46	s TRANSISTOR IMZ1
Q215	8-729-926-27	s TRANSISTOR FMW10
Q216	8-729-926-27	s TRANSISTOR FMW10
Q301	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q302	8-729-140-47	s TRANSISTOR 2SC3735-L-B35
Q401	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q402	8-729-140-47	s TRANSISTOR 2SC3735-L-B35
Q501	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q502	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q503	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q504	9-910-999-30	s HANDLED BY TOKYO PROD.GP
Q505	8-729-045-28	s TRANSISTOR SI4532DY-T1
Q506	8-729-029-06	s TRANSISTOR DTC124EUA-T106
Q507	8-729-029-06	s TRANSISTOR DTC124EUA-T106
Q601	8-729-928-49	s TRANSISTOR DTA124XE-TL
Q602	8-729-929-02	s TRANSISTOR DTC124XE
Q603	8-729-045-28	s TRANSISTOR SI4532DY-T1
Q604	8-729-928-49	s TRANSISTOR DTA124XE-TL
Q605	8-729-929-02	s TRANSISTOR DTC124XE
Q606	8-729-045-28	s TRANSISTOR SI4532DY-T1
Q607	8-729-824-34	s TRANSISTOR 2SJ187
Q608	8-729-928-40	s TRANSISTOR DTA144WE-TL
Q609	8-729-928-40	s TRANSISTOR DTA144WE-TL
Q610	8-729-928-93	s TRANSISTOR DTC144WE
Q611	8-729-045-28	s TRANSISTOR SI4532DY-T1
Q701	8-729-140-63	s TRANSISTOR 2SA1611-M5M6
Q702	8-729-209-07	s TRANSISTOR 2SC4213-B
Q703	8-729-105-08	s TRANSISTOR 2SA1330-06
Q704	8-729-029-14	s TRANSISTOR DTC144EUA-T106
Q705	8-729-824-34	s TRANSISTOR 2SJ187
Q706	8-729-105-36	s TRANSISTOR 2SC3360-N15
Q707	8-729-105-36	s TRANSISTOR 2SC3360-N15
Q708	8-729-209-07	s TRANSISTOR 2SC4213-B
Q709	8-729-209-07	s TRANSISTOR 2SC4213-B
Q710	8-729-105-36	s TRANSISTOR 2SC3360-N15
Q711	8-729-105-36	s TRANSISTOR 2SC3360-N15
Q712	8-729-209-07	s TRANSISTOR 2SC4213-B
Q713	8-729-209-07	s TRANSISTOR 2SC4213-B
R101	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R104	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R105	1-218-702-11	s RESISTOR CHIP 2.7K 1/16W(1608)
R106	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R107	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R108	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R109	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R110	1-218-694-11	s	RESISTOR CHIP 1.2K1/16W(1608)
R111	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R112	1-218-733-11	s	RESISTOR,CHIP 51K 1/16W (1608)
R113	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R114	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R115	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R116	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R117	1-218-690-11	s	RESISTOR CHIP 820 1/16W (1608)
R118	1-218-673-11	s	RESISTOR CHIP 160 1/16W (1608)
R119	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R120	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R121	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R122	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R123	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R124	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R125	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R126	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608)
R127	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R128	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R130	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R131	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R132	1-218-674-11	s	RESISTOR CHIP 180 1/16W (1608)
R133	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R134	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R135	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R136	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R137	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R138	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R139	1-218-681-11	s	RESISTOR CHIP 360 1/16W (1608)
R140	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R142	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R143	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R144	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R146	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R147	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R148	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R149	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R150	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R151	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R152	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R153	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R154	1-218-674-11	s	RESISTOR CHIP 180 1/16W (1608)
R155	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R200	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R201	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R202	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R203	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R204	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R205	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R206	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R207	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R208	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R209	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R210	1-218-694-11	s	RESISTOR CHIP 1.2K1/16W(1608)
R211	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R212	1-218-733-11	s	RESISTOR,CHIP 51K 1/16W (1608)
R213	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R214	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)

(EQ-76 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R215	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R216	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R217	1-218-690-11	s	RESISTOR CHIP 820 1/16W (1608)
R218	1-218-673-11	s	RESISTOR CHIP 160 1/16W (1608)
R219	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R220	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R221	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R222	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R223	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R224	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R225	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608)
R226	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R227	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R228	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R229	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R230	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R231	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R232	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R233	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R234	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R235	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R236	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R237	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R238	1-218-681-11	s	RESISTOR CHIP 360 1/16W (1608)
R239	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R241	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R242	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R243	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R245	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R246	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R247	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R248	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R249	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R250	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R251	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R252	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R253	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R254	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R255	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R256	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R257	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R258	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R259	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R260	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R261	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R262	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R263	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R264	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R265	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R268	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R269	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R270	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R271	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R272	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R273	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R274	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R275	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R276	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)
R277	1-218-678-11	s	RESISTOR CHIP 270 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R278	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R279	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R301	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R304	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R305	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R307	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R308	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R309	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R310	1-218-694-11	s	RESISTOR CHIP 1.2K1/16W(1608)
R312	1-218-733-11	s	RESISTOR,CHIP 51K 1/16W (1608)
R313	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R314	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R315	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R316	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R317	1-218-690-11	s	RESISTOR CHIP 820 1/16W (1608)
R318	1-218-673-11	s	RESISTOR CHIP 160 1/16W (1608)
R319	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R320	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R321	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R322	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R323	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R324	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R325	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R326	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608)
R327	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R328	1-218-684-11	s	RESISTOR CHIP 470 1/16W (1608)
R329	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R330	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R331	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R333	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R334	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R335	1-218-697-11	s	RESISTOR,CHIP 1.6K 1/16W(1608)
R336	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R337	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R338	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R339	1-218-681-11	s	RESISTOR CHIP 360 1/16W (1608)
R340	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R342	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R343	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R344	1-218-683-11	s	RESISTOR CHIP 430 1/16W (1608)
R346	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R347	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R348	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R349	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R350	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R351	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R352	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R353	1-218-665-11	s	RESISTOR CHIP 75 1/16W (1608)
R401	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R404	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R405	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R407	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R408	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R409	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R410	1-218-694-11	s	RESISTOR CHIP 1.2K1/16W(1608)
R412	1-218-733-11	s	RESISTOR,CHIP 51K 1/16W (1608)
R413	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R414	1-218-691-11	s	RESISTOR CHIP 910 1/16W (1608)
R415	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)

Ref. No. or Q'ty	Part No.	SP	Description
R416	1-218-752-11	S	RESISTOR,CHIP 330K 1/16W(1608)
R417	1-218-690-11	S	RESISTOR CHIP 820 1/16W (1608)
R418	1-218-673-11	S	RESISTOR CHIP 160 1/16W (1608)
R419	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R420	1-218-692-11	S	RESISTOR,CHIP 1.0K 1/16W(1608)
R421	1-218-692-11	S	RESISTOR,CHIP 1.0K 1/16W(1608)
R422	1-218-692-11	S	RESISTOR,CHIP 1.0K 1/16W(1608)
R423	1-218-692-11	S	RESISTOR,CHIP 1.0K 1/16W(1608)
R424	1-218-692-11	S	RESISTOR,CHIP 1.0K 1/16W(1608)
R425	1-218-677-11	S	RESISTOR,CHIP 240 1/16W (1608)
R426	1-218-684-11	S	RESISTOR CHIP 470 1/16W (1608)
R427	1-218-684-11	S	RESISTOR CHIP 470 1/16W (1608)
R428	1-218-716-11	S	RESISTOR,CHIP 10K 1/16W(1608)
R429	1-218-716-11	S	RESISTOR,CHIP 10K 1/16W(1608)
R430	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R432	1-218-752-11	S	RESISTOR,CHIP 330K 1/16W(1608)
R433	1-218-697-11	S	RESISTOR,CHIP 1.6K 1/16W(1608)
R434	1-218-697-11	S	RESISTOR,CHIP 1.6K 1/16W(1608)
R435	1-218-752-11	S	RESISTOR,CHIP 330K 1/16W(1608)
R436	1-218-695-11	S	RESISTOR,CHIP 1.3K 1/16W(1608)
R437	1-218-652-11	S	RESISTOR,CHIP 22 1/16W (1608)
R438	1-218-681-11	S	RESISTOR CHIP 360 1/16W (1608)
R439	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R441	1-218-683-11	S	RESISTOR CHIP 430 1/16W (1608)
R442	1-218-716-11	S	RESISTOR,CHIP 10K 1/16W(1608)
R443	1-218-716-11	S	RESISTOR,CHIP 10K 1/16W(1608)
R445	1-218-752-11	S	RESISTOR,CHIP 330K 1/16W(1608)
R446	1-218-752-11	S	RESISTOR,CHIP 330K 1/16W(1608)
R447	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R448	1-218-692-11	S	RESISTOR,CHIP 1.0K 1/16W(1608)
R449	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R450	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R451	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R452	1-218-665-11	S	RESISTOR CHIP 75 1/16W (1608)
R501	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R502	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R503	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R504	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R505	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R506	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R507	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R508	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R509	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R510	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R511	1-218-668-11	S	RESISTOR,CHIP 100 1/16W (1608)
R512	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R513	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R514	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R515	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R516	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R517	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R518	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R519	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R520	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R521	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R522	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R523	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R524	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)
R525	1-216-864-11	S	RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R648	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R649	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R650	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R651	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R652	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R653	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R654	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R655	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R656	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R657	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R658	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R659	1-218-713-11	s RESISTOR, METAL 7.5K 1/16W
R660	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R661	1-218-713-11	s RESISTOR, METAL 7.5K 1/16W
R662	1-218-713-11	s RESISTOR, METAL 7.5K 1/16W
R663	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R664	1-218-713-11	s RESISTOR, METAL 7.5K 1/16W
R665	1-218-703-11	s RESISTOR, METAL 3.0K 1/16(1608)
R666	1-218-713-11	s RESISTOR, METAL 7.5K 1/16W
R667	1-218-713-11	s RESISTOR, METAL 7.5K 1/16W
R701	1-218-668-11	s RESISTOR, CHIP 100 1/16W (1608)
R702	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R703	1-218-732-11	s RESISTOR, CHIP 47K 1/16W(1608)
R704	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R705	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R706	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R707	1-218-748-11	s RESISTOR, CHIP 220K 1/16W(1608)
R708	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R709	1-218-748-11	s RESISTOR, CHIP 220K 1/16W(1608)
R710	1-218-724-11	s RESISTOR, CHIP 22K 1/16W(1608)
R711	1-218-724-11	s RESISTOR, CHIP 22K 1/16W(1608)
R712	1-218-728-11	s RESISTOR, METAL 33K 1/16W
R713	1-218-740-11	s RESISTOR, CHIP 100K 1/16W(1608)
R714	1-218-724-11	s RESISTOR, CHIP 22K 1/16W(1608)
R715	1-218-728-11	s RESISTOR, METAL 33K 1/16W
R716	1-218-716-11	s RESISTOR, CHIP 10K 1/16W(1608)
R717	1-218-748-11	s RESISTOR, CHIP 220K 1/16W(1608)
R718	1-218-722-11	s RESISTOR, CHIP 18K 1/16W 1608
R719	1-218-726-11	s RESISTOR, CHIP 27K 1/16W (1608)
R720	1-218-732-11	s RESISTOR, CHIP 47K 1/16W(1608)
R721	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R722	1-218-748-11	s RESISTOR, CHIP 220K 1/16W(1608)
R723	1-218-724-11	s RESISTOR, CHIP 22K 1/16W(1608)
R724	1-218-698-11	s RESISTOR, CHIP 1.8K 1/16W(1608)
R725	1-216-117-00	s RESISTOR, CHIP 680K 1/10W(2012)
R726	1-218-732-11	s RESISTOR, CHIP 47K 1/16W(1608)
R727	1-218-732-11	s RESISTOR, CHIP 47K 1/16W(1608)
R728	1-218-740-11	s RESISTOR, CHIP 100K 1/16W(1608)
R729	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R730	1-218-740-11	s RESISTOR, CHIP 100K 1/16W(1608)
R731	1-216-864-11	s RESISTOR, CHIP 0 1/16W (1608)
R732	1-218-700-11	s RESISTOR, CHIP 2.2K 1/16W(1608)
R733	1-218-700-11	s RESISTOR, CHIP 2.2K 1/16W(1608)
R734	1-216-298-00	s RESISTOR, CHIP 2.2 1/10(2012)
R735	1-216-298-00	s RESISTOR, CHIP 2.2 1/10(2012)
R736	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R737	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R739	1-218-700-11	s RESISTOR, CHIP 2.2K 1/16W(1608)
R740	1-218-700-11	s RESISTOR, CHIP 2.2K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R741	1-218-732-11	s RESISTOR, CHIP 47K 1/16W(1608)
R742	1-216-603-11	s RESISTOR, CHIP 10 1/10W(2012)
R743	1-218-668-11	s RESISTOR, CHIP 100 1/16W (1608)
R744	1-218-699-11	s RESISTOR, CHIP 2.0K 1/16W(1608)
R745	1-218-716-11	s RESISTOR, CHIP 10K 1/16W(1608)
R746	1-218-716-11	s RESISTOR, CHIP 10K 1/16W(1608)
R747	1-218-750-11	s RESISTOR, CHIP 270K 1/16W(1608)
R748	1-218-676-11	s RESISTOR, CHIP 220 1/16W(1608)
R749	1-218-702-11	s RESISTOR, CHIP 2.7K 1/16W(1608)
R750	1-218-716-11	s RESISTOR, CHIP 10K 1/16W(1608)
R751	1-218-692-11	s RESISTOR, CHIP 1.0K 1/16W(1608)
R752	1-218-678-11	s RESISTOR, CHIP 270 1/16W (1608)
R753	1-218-708-11	s RESISTOR, CHIP 4.7K 1/16W(1608)
R754	1-218-740-11	s RESISTOR, CHIP 100K 1/16W(1608)
RB102	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB103	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB104	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB105	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB106	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB202	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB203	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB204	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB205	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB206	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB302	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB303	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB304	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB305	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB306	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB402	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB403	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB404	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB405	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB406	1-239-412-11	s NETWORK, RESISTOR 100 (1608)
RB601	1-236-904-11	s RESISTOR NETWORK 1K (1608)
RV103	1-237-032-11	s RESISTOR, ADJ, CERMET 500
RV200	1-237-029-11	s RESISTOR, ADJ, CERMET 50
RV201	1-237-029-11	s RESISTOR, ADJ, CERMET 50
RV202	1-237-029-11	s RESISTOR, ADJ, CERMET 50
RV203	1-237-032-11	s RESISTOR, ADJ, CERMET 500
RV204	1-237-029-11	s RESISTOR, ADJ, CERMET 50
RV303	1-237-032-11	s RESISTOR, ADJ, CERMET 500
RV403	1-237-032-11	s RESISTOR, ADJ, CERMET 500
RV501	1-237-031-11	s RESISTOR, ADJ, CERMET 200
RV502	1-237-031-11	s RESISTOR, ADJ, CERMET 200
RV701	1-237-035-11	s RESISTOR, ADJ, CERMET 5K
RV703	1-237-037-11	s RESISTOR, ADJ, CERMET 20K
RV704	1-237-035-11	s RESISTOR, ADJ, CERMET 5K
RV705	1-237-035-11	s RESISTOR, ADJ, CERMET 5K

S601 1-570-598-11 s SWITCH, DIP (4P)

FU-76 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8321-357-A	o	MOUNTED CIRCUIT BOARD, FU-76
6pcs	1-533-189-11	s	HOLDER, FUSE
1pc	3-622-892-01	o	BRACKET, PANEL
4pcs	7-681-000-00	s	SCREW, +PWH M2X5(EP-FE/ZN/CM2)
2pcs	7-682-902-11	s	SCREW +PWH 2.6X5(EP-FE/ZN/CM2)
C1	1-164-182-11	s	CAPACITOR,CHIP CERAMIC 3300(M-
C2	1-127-519-11	s	CAPACITOR,ELECT 100MF/20V
C3	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C4	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C5	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C6	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
CN441	1-695-915-11	s	TAB (CONTACT)
CN442	1-695-915-11	s	TAB (CONTACT)
CN444	1-764-101-11	s	PIN, CONNECTOR (PC BOARD) 2P
CN445	1-566-758-11	o	PIN,CONNECTOR 3P
CN446	1-566-761-11	o	PIN,CONNECTOR (PC BOARD) 6P
CN447	1-695-915-11	s	TAB (CONTACT)
CN448	1-695-915-11	s	TAB (CONTACT)
D1	8-719-800-76	s	DIODE 1SS226
D2	8-719-801-78	s	DIODE 1SS184
D3	8-719-801-78	s	DIODE 1SS184
D4	8-719-158-15	s	DIODE RD5.6SB
F1	△ 1-532-747-11	s	FUSE, GLASS 5A/125V (20MM)
F2	△ 1-576-048-11	s	FUSE, GLASS 10A/125V(20MM)
F3	△ 1-532-747-11	s	FUSE, GLASS 5A/125V (20MM)
IC1	8-759-560-89	s	IC MB3761PF-ER
Q1	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-32	s	TRANSISTOR 2SC4177
Q4	8-729-117-32	s	TRANSISTOR 2SC4177
Q5	8-729-046-69	s	TRANSISTOR 2SK2956
Q6	8-729-046-69	s	TRANSISTOR 2SK2956
Q7	8-729-046-69	s	TRANSISTOR 2SK2956
Q8	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q9	8-729-046-69	s	TRANSISTOR 2SK2956
Q10	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q11	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R1	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R2	1-216-692-11	s	RESISTOR CHIP 51K 1/10W (2012)
R3	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R4	1-216-687-11	s	RESISTOR CHIP 33K 1/10W (2012)
R5	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R6	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R7	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R8	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R9	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R10	1-216-676-11	s	RESISTOR,CHIP 11K 1/10W(2012)
R12	1-218-770-11	s	RESISTOR,CHIP 560K 1/10W(2012)
R13	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R14	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R15	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R16	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R17	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R18	1-216-687-11	s	RESISTOR CHIP 33K 1/10W (2012)
R19	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R20	1-218-772-11	s	RESISTOR,CHIP 680K 1/10W(2012)

(FU-76 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R21	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R22	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R23	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R24	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R25	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R26	1-216-673-11	s	RESISTOR,CHIP 8.2K 1/10W(2012)
R27	1-218-776-11	s	RESISTOR CHIP 1M 1/10W (2012)
R28	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R29	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R30	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R31	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R33	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R34	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R35	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R36	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
RV1	1-237-033-11	s	RESISTOR,ADJ,CERMET 1K

KY-315 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8276-948-A	o MOUNTED CIRCUIT BOARD, KY-315
1pc	3-169-546-02	o HOLDER, LCD
C1	1-163-021-91	s CAPACITOR, CERAMIC 0.01MF/50V
C2	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C3	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C4	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C5	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C6	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C7	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C8	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
C9	1-163-259-91	s CAPACITOR,CHIP CERAMIC 220PF
CN461	1-566-766-11	o PIN CONNECTOR PC BOARD 11P
CN462	1-566-765-11	o PIN,CONNECTOR 10P
CN463	1-566-765-11	o PIN,CONNECTOR 10P
D1	8-719-941-09	s DIODE DAP202U
D2	8-719-941-09	s DIODE DAP202U
D3	8-719-941-09	s DIODE DAP202U
D4	8-719-941-09	s DIODE DAP202U
D5	8-719-941-09	s DIODE DAP202U
D6	8-719-941-09	s DIODE DAP202U
D7	8-719-941-09	s DIODE DAP202U
D8	8-719-941-09	s DIODE DAP202U
D9	8-719-941-09	s DIODE DAP202U
D10	8-719-941-09	s DIODE DAP202U
D11	8-719-941-09	s DIODE DAP202U
D12	8-719-941-09	s DIODE DAP202U
D13	8-719-941-09	s DIODE DAP202U
D14	8-719-941-09	s DIODE DAP202U
D15	8-719-941-09	s DIODE DAP202U
D16	8-719-941-09	s DIODE DAP202U
D17	8-719-941-09	s DIODE DAP202U
D18	8-719-941-09	s DIODE DAP202U
D19	8-719-941-09	s DIODE DAP202U
D20	8-719-941-09	s DIODE DAP202U
D21	8-719-941-09	s DIODE DAP202U
D22	8-719-109-51	s DIODE RD2.0ESB2
D23	8-719-941-23	s DIODE DA204U
D24	1-809-346-11	s LED ARRAY
D25	1-809-346-11	s LED ARRAY
D26	9-910-999-33	s DELETED FROM RP MASTER
D27	9-910-999-33	s DELETED FROM RP MASTER
D28	1-809-346-11	s LED ARRAY
D29	1-809-346-11	s LED ARRAY
D30	8-719-059-71	s DIODE BR5305S
D31	1-809-346-11	s LED ARRAY
D32	1-809-346-11	s LED ARRAY
D33	8-719-902-27	s LED EBR3402S
D34	9-910-999-33	s DELETED FROM RP MASTER
D35	9-910-999-33	s DELETED FROM RP MASTER
D36	8-719-902-27	s LED EBR3402S
D37	8-719-902-27	s LED EBR3402S
D38	9-910-999-33	s DELETED FROM RP MASTER
IC1	8-759-246-16	s IC TC9240F
IC2	8-759-932-10	s IC MB88306PF
IC3	8-759-932-10	s IC MB88306PF
IC4	8-759-926-25	s IC SN74HC165ANS
L1	1-408-789-21	s CHIP INDUCTOR 100UH (4532)

(KY-315 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
ND1	1-809-345-11	s DISPLAY PANEL, LIQUID CRYSTAL
Q2	8-729-023-22	s TRANSISTOR 2SD2114K
Q3	8-729-023-22	s TRANSISTOR 2SD2114K
R1	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R2	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R3	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R4	1-216-059-00	s RESISTOR,CHIP 2.7K 1/10W(2012)
R5	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R6	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R7	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R8	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R9	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R10	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R11	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R12	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R13	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R14	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R15	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R16	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R17	1-216-059-00	s RESISTOR,CHIP 2.7K 1/10W(2012)
R18	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R20	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R21	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R22	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R23	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R24	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R25	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R26	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R27	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R28	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R29	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R30	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R31	1-208-769-11	s RESISTOR,CHIP 300 1/10W (2012)
R32	1-208-769-11	s RESISTOR,CHIP 300 1/10W (2012)
R33	1-208-769-11	s RESISTOR,CHIP 300 1/10W (2012)
R34	1-208-769-11	s RESISTOR,CHIP 300 1/10W (2012)
R35	1-208-769-11	s RESISTOR,CHIP 300 1/10W (2012)
R36	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R37	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R38	1-216-013-00	s RESISTOR,CHIP 33 1/10W(2012)
R40	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R41	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R42	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R43	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R44	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R45	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R46	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R47	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
S1	1-572-725-11	s SWITCH,TACTILE
S2	1-572-725-11	s SWITCH,TACTILE
S3	1-572-725-11	s SWITCH,TACTILE
S4	1-572-725-11	s SWITCH,TACTILE
S5	1-572-725-11	s SWITCH,TACTILE
S6	1-572-725-11	s SWITCH,TACTILE
S7	1-572-725-11	s SWITCH,TACTILE
S8	1-572-725-11	s SWITCH,TACTILE
S9	1-572-725-11	s SWITCH,TACTILE
S10	1-572-725-11	s SWITCH,TACTILE

(KY-315 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
S11	1-572-725-11	s SWITCH,TACTILE
S12	1-572-725-11	s SWITCH,TACTILE
S13	1-572-725-11	s SWITCH,TACTILE
S14	1-572-725-11	s SWITCH,TACTILE
S15	1-572-725-11	s SWITCH,TACTILE
S16	1-572-725-11	s SWITCH,TACTILE
S17	1-572-725-11	s SWITCH,TACTILE
S18	1-553-977-00	s SWITCH,SLIDE (2-1-2)
S19	1-553-977-00	s SWITCH,SLIDE (2-1-2)
S20	1-570-724-11	s SWITCH,SLIDE (1-1-3)
S21	1-570-724-11	s SWITCH,SLIDE (1-1-3)
S22	1-553-977-00	s SWITCH,SLIDE (2-1-2)
S23	1-570-337-11	s SWITCH,ROTARY (SEXADECIMAL)
S24	1-570-337-11	s SWITCH,ROTARY (SEXADECIMAL)
S25	1-553-977-00	s SWITCH,SLIDE (2-1-2)
S26	1-553-977-00	s SWITCH,SLIDE (2-1-2)
S27	1-570-854-11	s SWITCH, SLIDE (1-1-3)
S28	1-554-377-21	s SWITCH,SLIDE
S29	1-570-851-11	s SWITCH,SLIDE (1-1-3)

MB-825 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8321-338-A	o MOUNTED CIRCUIT BOARD, MB-825
C903	1-110-985-11	s CAPACITOR, ELECT 1200MF/6.3V
C904	1-110-988-11	s CAPACITOR,ELECT 2200MF/6.3V
CN901	1-774-263-11	s CONNECTOR, BOARD TO BOARD 20P
CN902	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN903	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN904	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN905	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN906	1-774-263-11	s CONNECTOR, BOARD TO BOARD 20P
CN907	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN908	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN909	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN910	1-774-262-11	s CONNECTOR, BOARD TO BOARD 18P
CN911	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN912	1-774-263-11	s CONNECTOR, BOARD TO BOARD 20P
CN913	1-774-265-11	s CONNECTOR, BOARD TO BOARD 30P
CN914	1-770-457-11	o CONNECTOR (S.S.), TX 60P
CN915	1-566-757-11	s PIN, CONNECTOR (PC BOARD) 2P
CN916	1-566-758-11	o PIN,CONNECTOR 3P
CN921	1-565-884-11	o PIN, CONNECTOR (PC BOARD) 12P
CN931	1-535-894-11	o TAB(PC BOARD)
CN932	1-535-894-11	o TAB(PC BOARD)
CN941	1-566-763-11	o PIN,CONNECTOR (PC BOARD) 8P
CN942	1-506-468-11	s PIN,CONNECTOR 3P
CN943	1-506-467-11	s PIN,CONNECTOR 2P
CN944	1-506-467-11	s PIN,CONNECTOR 2P
CN946	1-506-467-11	s PIN,CONNECTOR 2P
CN947	1-506-468-11	s PIN,CONNECTOR 3P
CN949	1-564-005-11	o PIN, CONNECTOR 6P
CN951	1-506-467-11	s PIN,CONNECTOR 2P
CN952	1-506-468-11	s PIN,CONNECTOR 3P
CN953	1-564-002-11	s PIN, CONNECTOR 3P
CN954	1-506-469-11	s PIN,CONNECTOR 4P
CN955	1-506-468-11	s PIN,CONNECTOR 3P
CN956	1-506-468-11	s PIN,CONNECTOR 3P
CN957	1-506-472-11	o PIN,CONNECTOR 7P
CN958	1-506-467-11	s PIN,CONNECTOR 2P
CN960	1-564-001-11	o PIN, CONNECTOR 2P
E1	3-657-235-00	o TEST POINT
E2	3-657-235-00	o TEST POINT
TP1	3-657-235-00	o TEST POINT
TP2	3-657-235-00	o TEST POINT
TP3	3-657-235-00	o TEST POINT
TP4	3-657-235-00	o TEST POINT
TP5	3-657-235-00	o TEST POINT
TP6	3-657-235-00	o TEST POINT
TP7	3-657-235-00	o TEST POINT
TP8	3-657-235-00	o TEST POINT
TP9	3-657-235-00	o TEST POINT
TP10	3-657-235-00	o TEST POINT
TP11	3-657-235-00	o TEST POINT
TP12	3-657-235-00	o TEST POINT
TP13	3-657-235-00	o TEST POINT
TP14	3-657-235-00	o TEST POINT
TP15	3-657-235-00	o TEST POINT
TP16	3-657-235-00	o TEST POINT

PSW-67 BOARD

Ref. No. or Q'ty	Part No.	SP Description
2pcs	2-389-320-01	o CUSHION (SILICONE RBR)
C1	1-127-519-11	s CAPACITOR,ELECT 100MF/20V
C2	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C3	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C4	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C5	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C6	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C7	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C8	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C9	1-127-513-00	s CAPACITOR,ELECT 15MF/25V
C10	1-127-513-00	s CAPACITOR,ELECT 15MF/25V
C11	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C12	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C13	1-127-518-11	s CAPACITOR,ELECT 100MF/16V
C14	1-127-518-11	s CAPACITOR,ELECT 100MF/16V
C15	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C16	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C17	1-115-732-11	s CAPACITOR ELECT 330MF/10V 105C
C18	1-115-732-11	s CAPACITOR ELECT 330MF/10V 105C
C19	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C20	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C21	1-127-513-00	s CAPACITOR,ELECT 15MF/25V
C22	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C23	1-127-513-00	s CAPACITOR,ELECT 15MF/25V
C24	1-127-513-00	s CAPACITOR,ELECT 15MF/25V
C25	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C26	1-113-577-11	s CAPACITOR,ELECT 47MF/16V
C27	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C28	1-111-134-11	s CAPACITOR ELECT 27MF/63V
C29	1-111-037-11	s CAPACITOR,ELECT 270MF/16V
C30	1-127-518-11	s CAPACITOR,ELECT 100MF/16V
C31	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C32	1-111-134-11	s CAPACITOR ELECT 27MF/63V
C33	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C34	1-111-032-11	s CAPACITOR,ELECT 120MF/16V(105)
C35	1-115-339-11	s CAPACITOR CERAMIC 0.1MF/50V
C36	1-104-919-11	s CAPASITOR TANTALLUM 10MF/25V
CN602	1-695-915-11	s TAB (CONTACT)
CN603	1-566-567-11	o CONNECTOR 60P
CN604	1-766-745-11	o CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-745-11	o CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-745-11	o CONNECTOR, BOARD TO BOARD 12P
D1	8-719-938-75	s DIODE SB05-05CP (RECTI)
D2	8-719-938-75	s DIODE SB05-05CP (RECTI)
D3	8-719-938-75	s DIODE SB05-05CP (RECTI)
D4	8-719-938-75	s DIODE SB05-05CP (RECTI)
D5	8-719-104-34	s DIODE 1S2836
D6	8-719-048-17	s DIODE MBRS130LT3
D7	8-719-989-93	s DIODE SB01-15CP
D8	8-719-048-17	s DIODE MBRS130LT3
D9	8-719-104-34	s DIODE 1S2836
D10	8-719-023-54	s DIODE EA60QC06-F
IC1	8-759-523-78	s IC TC74VHC00FT(EL)
IC2	8-759-710-88	s IC NJM431U
L1	1-409-579-11	s COIL, CHOKO 8.2UH
L2	1-409-579-11	s COIL, CHOKO 8.2UH
L3	1-409-721-11	s COIL, CHOKO 42UH

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Ref. No. or Q'ty	Part No.	SP Description
L4	1-411-967-11	s COIL, CHOKO 33UH
L5	1-424-667-11	s COIL, CHOKO 1UH
L6	1-421-459-21	s COIL,CHOKO
L7	1-409-579-11	s COIL, CHOKO 8.2UH
L8	1-409-579-11	s COIL, CHOKO 8.2UH
L9	1-409-579-11	s COIL, CHOKO 8.2UH
L10	1-409-722-11	s COIL, CHOKO 220UH
L11	1-424-642-11	s COIL,CHOKO (SHIELD)
L12	1-409-722-11	s COIL, CHOKO 220UH
L13	1-409-579-11	s COIL, CHOKO 8.2UH
L14	1-409-579-11	s COIL, CHOKO 8.2UH
Q1	8-729-012-35	s FET 2SK711-BL
Q2	8-729-012-35	s FET 2SK711-BL
Q3	8-729-048-69	s TRANSISTOR 2SJ530S-TL
Q4	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q5	8-729-112-65	s TRANSISTOR 2SA1462
Q6	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q7	8-729-112-65	s TRANSISTOR 2SA1462
Q8	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q9	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q10	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q11	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q12	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q13	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q14	8-729-112-65	s TRANSISTOR 2SA1462
Q15	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q16	8-729-112-65	s TRANSISTOR 2SA1462
Q17	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q18	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q19	8-729-112-65	s TRANSISTOR 2SA1462
Q20	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q21	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q22	8-729-040-83	s TRANSISTOR SI4450DY-T1
Q23	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q24	8-729-029-14	s TRANSISTOR DTC144EUA-T106
R1	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R2	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R3	1-216-089-91	s RESISTOR, CHIP 47K
R4	1-216-689-11	s RESISTOR,CHIP 39K 1/10W(2012)
R5	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R6	1-216-689-11	s RESISTOR,CHIP 39K 1/10W(2012)
R7	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R8	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R9	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R10	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R11	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R12	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R13	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R14	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R15	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R16	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R17	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R18	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R19	1-216-695-11	s RESISTOR,CHIP 68K 1/10W(2012)
R20	1-216-683-11	s RESISTOR CHIP 22K 1/10W (2012)
R21	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R22	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R23	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R24	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R25	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R26	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R27	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R28	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R29	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R30	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R31	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R32	1-216-693-11	s	RESISTOR CHIP 56K 1/10W (2012)
R33	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R34	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R35	1-216-661-11	s	RESISTOR,CHIP 2.7K 1/10W(2012)
R36	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R37	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R38	1-216-685-11	s	RESISTOR,CHIP 27K 1/10W(2012)
R39	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R40	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R41	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R42	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R43	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R44	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R45	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R46	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R47	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
5pcs	2-389-320-01	o	CUSHION (SILICONE RBR)
C1	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C2	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C3	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C4	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C5	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C6	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C7	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C8	1-127-513-00	s	CAPACITOR,ELECT 15MF/25V
C9	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C10	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C11	1-127-513-00	s	CAPACITOR,ELECT 15MF/25V
C12	1-127-513-00	s	CAPACITOR,ELECT 15MF/25V
C13	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C14	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C15	1-127-518-11	s	CAPACITOR,ELECT 100MF/16V
C16	1-113-577-11	s	CAPACITOR,ELECT 47MF/16V
C17	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C18	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C19	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C20	1-115-732-11	s	CAPACITOR ELECT 330MF/10V 105C
C21	1-111-034-11	s	CAPACITOR,ELECT 220MF/16V(105C
C22	1-113-577-11	s	CAPACITOR,ELECT 47MF/16V
C24	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C25	1-115-733-11	s	CAPACITOR ELECT 470MF/10V 105C
C27	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C28	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C29	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C30	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C31	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C32	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C33	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C34	1-127-513-00	s	CAPACITOR,ELECT 15MF/25V
C35	1-127-513-00	s	CAPACITOR,ELECT 15MF/25V
C36	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C37	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C38	1-127-518-11	s	CAPACITOR,ELECT 100MF/16V
C39	1-127-518-11	s	CAPACITOR,ELECT 100MF/16V
C40	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C41	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C42	1-115-733-11	s	CAPACITOR ELECT 470MF/10V 105C
C43	1-115-733-11	s	CAPACITOR ELECT 470MF/10V 105C
C44	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C45	1-115-733-11	s	CAPACITOR ELECT 470MF/10V 105C
C46	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C47	1-115-733-11	s	CAPACITOR ELECT 470MF/10V 105C
CN604	1-766-745-11	o	CONNECTOR, BOARD TO BOARD 12P
CN607	1-766-745-11	o	CONNECTOR, BOARD TO BOARD 12P
CN608	1-766-745-11	o	CONNECTOR, BOARD TO BOARD 12P
CN609	1-564-013-11	o	PIN,CONNECTOR 3P
D1	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D2	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D3	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D4	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D5	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D6	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D8	8-719-104-34	s	DIODE 1S2836
D9	8-719-938-75	s	DIODE SB05-05CP (RECTI)

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Ref. No. or Q'ty	Part No.	SP Description
D10	8-719-938-75	s DIODE SB05-05CP (RECTI)
D11	8-719-938-75	s DIODE SB05-05CP (RECTI)
D12	8-719-938-75	s DIODE SB05-05CP (RECTI)
D13	8-719-104-34	s DIODE 1S2836
L1	1-409-579-11	s COIL, CHOKE 8.2UH
L2	1-409-579-11	s COIL, CHOKE 8.2UH
L3	1-409-579-11	s COIL, CHOKE 8.2UH
L4	1-409-721-11	s COIL, CHOKE 42UH
L5	1-409-721-11	s COIL, CHOKE 42UH
L6	1-411-968-11	s COIL, CHOKE 33UH
L7	1-421-459-21	s COIL, CHOKE
L8	1-421-459-21	s COIL, CHOKE
L9	1-421-459-21	s COIL, CHOKE
L10	1-409-579-11	s COIL, CHOKE 8.2UH
L11	1-409-579-11	s COIL, CHOKE 8.2UH
L12	1-411-967-11	s COIL, CHOKE 33UH
L13	1-411-967-11	s COIL, CHOKE 33UH
L14	1-421-459-21	s COIL, CHOKE
L15	1-421-459-21	s COIL, CHOKE
L16	1-421-459-21	s COIL, CHOKE
L17	1-421-459-21	s COIL, CHOKE
Q1	8-729-012-35	s FET 2SK711-BL
Q2	8-729-012-35	s FET 2SK711-BL
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q4	8-729-112-65	s TRANSISTOR 2SA1462
Q5	8-729-012-35	s FET 2SK711-BL
Q6	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q7	8-729-112-65	s TRANSISTOR 2SA1462
Q8	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q9	8-729-112-65	s TRANSISTOR 2SA1462
Q10	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q11	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q12	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q13	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q14	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q15	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q16	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q17	8-729-012-35	s FET 2SK711-BL
Q18	8-729-012-35	s FET 2SK711-BL
Q19	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q20	8-729-112-65	s TRANSISTOR 2SA1462
Q21	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q22	8-729-112-65	s TRANSISTOR 2SA1462
Q23	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q24	8-729-043-74	s TRANSISTOR SI4435DY-T1-REVA
Q25	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q26	8-729-047-85	s TRANSISTOR SI4416DY-T1
Q27	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q28	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
R1	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R2	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R3	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R4	1-216-689-11	s RESISTOR,CHIP 39K 1/10W(2012)
R5	1-216-683-11	s RESISTOR CHIP 22K 1/10W (2012)
R6	1-216-689-11	s RESISTOR,CHIP 39K 1/10W(2012)
R7	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R8	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R9	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP Description
R10	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R11	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R12	1-216-689-11	s RESISTOR,CHIP 39K 1/10W(2012)
R13	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R14	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R15	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R16	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R17	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R18	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R19	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R20	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R21	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R24	1-216-677-11	s RESISTOR,CHIP 12K 1/10W(2012)
R25	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R26	1-216-679-11	s RESISTOR CHIP 15K 1/10W (2012)
R27	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R28	1-216-683-11	s RESISTOR CHIP 22K 1/10W (2012)
R29	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R30	1-216-623-11	s RESISTOR,CHIP 68 1/10W(2012)
R31	1-216-679-11	s RESISTOR CHIP 15K 1/10W (2012)
R32	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R33	1-216-689-11	s RESISTOR,CHIP 39K 1/10W(2012)
R34	1-216-683-11	s RESISTOR CHIP 22K 1/10W (2012)
R35	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R36	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R37	1-216-619-11	s RESISTOR CHIP 47 1/10W(2012)
R38	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R39	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R40	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R41	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R42	1-216-684-91	s RESISTOR METAL FILM CHIP 24K
R43	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R44	1-216-684-91	s RESISTOR METAL FILM CHIP 24K
R45	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R46	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R47	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R48	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R49	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R50	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R51	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R52	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R53	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R54	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R55	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
C1	1-126-155-11	s	CAPACITOR,ELECT 100MF/6.3V
C2	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C3	1-104-919-11	s	CAPASITOR TANTALLUM 10MF/25V
C4	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C5	1-104-478-11	s	CAPACITOR TANTALUM 10MF/35V
C6	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C8	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C9	1-163-009-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C10	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C11	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C12	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C13	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C14	1-163-133-00	s	CAPACITOR,CHIP CERAMIC 470PF
C15	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C16	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C17	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C18	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C19	1-163-989-11	s	CAPACITOR,CHIP CERAMIC 0.033M
C20	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C21	1-135-210-11	s	CAPACITOR TANTAL 4.7MF/10V
C22	1-135-210-11	s	CAPACITOR TANTAL 4.7MF/10V
C23	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C24	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C25	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C26	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C27	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C28	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C29	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C30	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C31	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C32	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C33	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C34	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C35	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C36	1-135-180-21	s	CAPACITOR TANTALUM 3.3MF/10V
C37	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C38	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C39	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C40	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C41	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C42	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C43	1-163-989-11	s	CAPACITOR,CHIP CERAMIC 0.033M
C44	1-163-989-11	s	CAPACITOR,CHIP CERAMIC 0.033M
C45	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C46	1-135-210-11	s	CAPACITOR TANTAL 4.7MF/10V
C47	1-135-210-11	s	CAPACITOR TANTAL 4.7MF/10V
C48	1-135-210-11	s	CAPACITOR TANTAL 4.7MF/10V
C49	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C50	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C51	1-115-339-11	s	CAPACITOR CERAMIC 0.1MF/50V
C52	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C53	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C54	1-135-177-21	s	CAPACITOR TANTALUM 1MF/25V
C55	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
CN605	1-766-746-11	o	CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-746-11	o	CONNECTOR, BOARD TO BOARD 12P
CN607	1-766-746-11	o	CONNECTOR, BOARD TO BOARD 12P
CN608	1-766-746-11	o	CONNECTOR, BOARD TO BOARD 12P

(PSW-69 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D1	8-719-104-34	s	DIODE 1S2836
D2	8-719-104-34	s	DIODE 1S2836
IC1	8-759-710-88	s	IC NJM431U
IC2	8-759-560-89	s	IC MB3761PF-ER
IC4	8-759-261-48	s	IC TL1451ACPW (R)
IC5	8-759-261-48	s	IC TL1451ACPW (R)
IC6	8-759-261-48	s	IC TL1451ACPW (R)
IC7	8-759-261-48	s	IC TL1451ACPW (R)
IC8	8-759-261-48	s	IC TL1451ACPW (R)
Q1	8-729-118-56	s	FET 2SK852-X2
Q2	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q3	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q4	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-027-38	s	TRANSISTOR DTA144EAK-T146
Q6	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q7	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q8	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q9	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q10	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q11	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q12	8-729-027-38	s	TRANSISTOR DTA144EAK-T146
Q13	8-729-027-44	s	TRANSISTOR DTC114TKA-T146
Q14	8-729-027-44	s	TRANSISTOR DTC114TKA-T146
Q15	8-729-027-44	s	TRANSISTOR DTC114TKA-T146
R1	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R2	1-216-686-11	s	RESISTOR, METAL FILM 30K 1/10W
R3	1-216-674-11	s	RESISTOR,CHIP 9.1K 1/10W(2012)
R4	1-216-696-11	s	RESISTOR,CHIP 75K 1/10W(2012)
R5	1-216-677-11	s	RESISTOR,CHIP 12K 1/10W(2012)
R6	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R7	1-216-685-11	s	RESISTOR,CHIP 27K 1/10W(2012)
R8	1-216-686-11	s	RESISTOR, METAL FILM 30K 1/10W
R9	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R10	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R11	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R12	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R14	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R16	1-216-659-11	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R17	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R18	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R19	1-216-643-11	s	RESISTOR CHIP 470 1/10W (2012)
R20	1-216-661-11	s	RESISTOR,CHIP 2.7K 1/10W(2012)
R21	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R22	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R23	1-216-637-11	s	RESISTOR,CHIP 270 1/10W (2012)
R24	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R25	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R26	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R27	1-216-673-11	s	RESISTOR,CHIP 8.2K 1/10W(2012)
R28	1-216-669-11	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R29	1-216-643-11	s	RESISTOR CHIP 470 1/10W (2012)
R30	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R31	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R32	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R33	1-216-673-11	s	RESISTOR,CHIP 8.2K 1/10W(2012)
R34	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R35	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R36	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R37	1-216-641-11	s	RESISTOR,CHIP 390 1/10W(2012)

(PSW-69 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R38	1-216-669-11	s RESISTOR,CHIP 5.6K 1/10W(2012)
R39	1-216-669-11	s RESISTOR,CHIP 5.6K 1/10W(2012)
R40	1-218-758-11	s RESISTOR,CHIP 180K 1/10W(2012)
R41	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R42	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R43	1-216-639-11	s RESISTOR,CHIP 330 1/10W (2012)
R44	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R45	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R46	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R47	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R48	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R49	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R50	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R51	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R52	1-216-681-11	s RESISTOR CHIP 18K 1/10W (2012)
R53	1-216-670-11	s RESISTOR,CHIP 6.2K 1/10W(2012)
R54	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R55	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R56	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R57	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R58	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R59	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R60	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R61	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R62	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R63	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R64	1-216-677-11	s RESISTOR,CHIP 12K 1/10W(2012)
R65	1-216-643-11	s RESISTOR CHIP 470 1/10W (2012)
R66	1-216-683-11	s RESISTOR CHIP 22K 1/10W (2012)
R67	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R68	1-216-629-11	s RESISTOR,CHIP 120 1/10W (2012)
R69	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R70	1-216-677-11	s RESISTOR,CHIP 12K 1/10W(2012)
R71	1-216-677-11	s RESISTOR,CHIP 12K 1/10W(2012)
R72	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R73	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R74	1-216-642-11	s RESISTOR,CHIP 430 1/10W (2012)
R75	1-216-669-11	s RESISTOR,CHIP 5.6K 1/10W(2012)
R76	1-216-683-11	s RESISTOR CHIP 22K 1/10W (2012)
R77	1-216-685-11	s RESISTOR,CHIP 27K 1/10W(2012)
R78	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R79	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R80	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R81	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R82	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R83	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R84	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R85	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R86	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R87	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R88	1-216-657-11	s RESISTOR,CHIP 1.8K 1/10W (2012)
R89	1-216-673-11	s RESISTOR,CHIP 8.2K 1/10W(2012)
R90	1-216-673-11	s RESISTOR,CHIP 8.2K 1/10W(2012)
R91	1-216-658-11	s RESISTOR,CHIP 2K 1/10W(2012)
R92	1-216-641-11	s RESISTOR,CHIP 390 1/10W(2012)
R93	1-216-679-11	s RESISTOR CHIP 15K 1/10W (2012)
R94	1-216-674-11	s RESISTOR,CHIP 9.1K 1/10W(2012)
R95	1-216-645-11	s RESISTOR,CHIP 560 1/10W (2012)
R96	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)

(PSW-69 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R97	1-216-651-11	s RESISTOR,CHIP 1K 1/10W(2012)
R98	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R99	1-216-649-11	s RESISTOR,CHIP 820 1/10W (2012)
R100	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R101	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R102	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R103	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R104	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R105	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R106	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R107	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R108	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R109	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R110	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R111	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R112	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R113	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R114	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R115	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R116	1-216-667-11	s RESISTOR,CHIP 4.7K 1/10W(2012)
R117	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R118	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R119	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R120	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R121	1-218-760-11	s RESISTOR,CHIP 220K 1/10W(2012)
R122	1-216-659-11	s RESISTOR,CHIP 2.2K 1/10W(2012)
R123	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R124	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R125	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R126	1-216-627-11	s RESISTOR,CHIP 100 1/10W (2012)
R127	1-216-295-91	s RESISTOR, CHIP 0 (1/10W)
R129	1-216-626-11	s RESISTOR,CHIP 91 1/10W(2125)
R130	1-216-603-11	s RESISTOR,CHIP 10 1/10W(2012)

PSW-70 BOARD

Ref. No. or Q'ty	Part No.	SP Description
CN1	1-766-746-11	o CONNECTOR, BOARD TO BOARD 12P
CN2	1-766-746-11	o CONNECTOR, BOARD TO BOARD 12P

SE-435A BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-669-823-11	o PRINTED WIRING BOARD, SE-435
1pc	3-202-413-01	o LABEL, SERVICE PARTS-NO
C1	1-164-379-11	s CAPACITOR,CERAMIC 43PF/50V CH
C2	1-164-379-11	s CAPACITOR,CERAMIC 43PF/50V CH
C3	1-162-922-11	s CAPACITOR,CERAMIC 39PF/50V CH
C4	1-162-922-11	s CAPACITOR,CERAMIC 39PF/50V CH
CN1	1-774-792-21	s CONNECTOR, FPC/FFC (4P)

SE-510 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-673-075-11	o PRINTED WIRING BOARD, SE-510
CN1	1-764-007-11	o PIN, CONNECTOR (SMD) 12P
S1	1-572-719-11	s SWITCH,PUSH(1 KEY)
S4	1-572-719-11	s SWITCH,PUSH(1 KEY)
S5	1-572-719-11	s SWITCH,PUSH(1 KEY)
S6	1-572-719-11	s SWITCH,PUSH(1 KEY)
S7	1-572-719-11	s SWITCH,PUSH(1 KEY)
S8	1-572-719-11	s SWITCH,PUSH(1 KEY)
S9	1-572-719-11	s SWITCH,PUSH(1 KEY)
S10	1-572-719-11	s SWITCH,PUSH(1 KEY)
S11	1-572-719-11	s SWITCH,PUSH(1 KEY)

SST-13 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8321-354-A	o MOUNTED CIRCUIT BOARD, SST-13
1pc	3-709-100-01	o COVER, IC SOCKET
1pc	3-701-991-01	o BAND, BINDING (PLA)
1pc	1-767-156-11	s OSCILLATOR,CRYSTAL(IN BATTERY)
C100	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C101	1-107-682-11	s CAPACITOR,CHIP 1MF/16V (3216)
C102	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C103	1-163-133-00	s CAPACITOR,CHIP CERAMIC 470PF
C104	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C105	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C106	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C107	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C108	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C109	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C110	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C111	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C112	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C113	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C114	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C115	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C116	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C117	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C118	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C119	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C120	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C200	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C201	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C202	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C203	1-128-709-11	s CAPACITOR,POLYPYRROLE 68MF
C204	1-128-709-11	s CAPACITOR,POLYPYRROLE 68MF
C205	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C206	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C207	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C208	1-104-919-11	s CAPASITOR TANTALLUM 10MF/25V
C209	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C210	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C211	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C212	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C213	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C214	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C215	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C216	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C300	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C301	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C302	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C303	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C304	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C305	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C306	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C308	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C309	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C310	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C312	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C313	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C314	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C400	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C401	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C402	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C403	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V

(SST-13 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C404	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C405	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C406	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C407	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C408	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C410	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-128-709-11	s CAPACITOR,POLYPYRROLE 68MF
C500	1-163-239-11	s CAPACITOR CHIP CERAMIC 33PF/50
C501	1-163-239-11	s CAPACITOR CHIP CERAMIC 33PF/50
C502	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C503	1-113-642-11	s CAPACITOR, TANTALUM 47MF/10V
C504	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C505	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C506	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C507	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C508	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C509	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C510	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C511	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C512	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C513	1-163-235-11	s CAPACITOR,CHIP CERAMIC 22PF/50
C514	1-163-235-11	s CAPACITOR,CHIP CERAMIC 22PF/50
C515	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C517	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C518	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C521	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C522	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C524	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C525	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C526	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C600	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C601	1-128-709-11	s CAPACITOR,POLYPYRROLE 68MF
C602	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C603	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C604	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C605	1-164-690-11	s CAPACITOR ,CERAMIC 2200PF CH
C606	1-164-690-11	s CAPACITOR ,CERAMIC 2200PF CH
C607	1-164-690-11	s CAPACITOR ,CERAMIC 2200PF CH
C608	1-164-690-11	s CAPACITOR ,CERAMIC 2200PF CH
C609	1-115-340-11	s CAPACITOR CERAMIC 0.22MF/25V B
C610	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C611	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C612	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C613	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C614	1-163-251-11	s CAPACITOR CERAMIC 100PF/50V
C615	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C616	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C617	1-163-143-00	s CAPACITOR,CHIP CERAMIC 1200PF
C618	1-163-143-00	s CAPACITOR,CHIP CERAMIC 1200PF
C619	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C620	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C621	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C622	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C623	1-163-263-11	s CAPACITOR CERAMIC 330PF/50V
C624	1-163-263-11	s CAPACITOR CERAMIC 330PF/50V
C625	1-163-091-00	s CAPACITOR,CHIP CERAMIC 8PF/50V
C626	1-163-091-00	s CAPACITOR,CHIP CERAMIC 8PF/50V

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Ref. No. or Q'ty	Part No.	SP Description
C627	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C628	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C629	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C630	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C631	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C632	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C633	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C634	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C635	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C636	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C637	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C638	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C639	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C640	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C641	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C642	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C643	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C644	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C645	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C646	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C647	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C648	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C649	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C650	1-163-038-91	s CAPACITOR, CERAMIC 0.1MF/25V
C651	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C652	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C653	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C700	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C701	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C702	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C703	1-164-690-11	s CAPACITOR ,CERAMIC 2200PF CH
C704	1-164-690-11	s CAPACITOR ,CERAMIC 2200PF CH
C706	1-163-113-00	s CAPACITOR,CHIP CERAMIC 68PF/50
C707	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C708	1-163-113-00	s CAPACITOR,CHIP CERAMIC 68PF/50
C709	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C710	1-163-017-00	s CAPACITOR,CHIP CERAMIC 4700PF
C711	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C712	1-163-017-00	s CAPACITOR,CHIP CERAMIC 4700PF
C713	1-163-275-11	s CAPACITOR CERAMIC 1000PF/50V
C714	1-104-760-11	s CAPACITOR CERAMIC 0.047MF/50V
C715	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C716	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C717	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C718	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C719	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C720	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C721	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C722	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C723	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C800	1-115-185-11	s CAP CERAMIC 0.033MF/50V(2012)
C801	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF
C802	1-115-185-11	s CAP CERAMIC 0.033MF/50V(2012)
C803	1-163-121-00	s CAPACITOR,CHIP CERAMIC 150PF
C804	1-115-185-11	s CAP CERAMIC 0.033MF/50V(2012)
C805	1-115-185-11	s CAP CERAMIC 0.033MF/50V(2012)
C806	1-163-127-00	s CAPACITOR,CHIP CERAMIC 270PF
C807	1-163-021-91	s CAPACITOR, CERAMIC 0.01MF/50V
C808	1-163-037-11	s CAPACITOR,CHIP CERAMIC 0.022MF

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Ref. No. or Q'ty	Part No.	SP	Description
C809	1-164-690-11	s	CAPACITOR , CERAMIC 2200PF CH
C810	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C811	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C812	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C813	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C814	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C815	1-163-127-00	s	CAPACITOR,CHIP CERAMIC 270PF
C816	1-113-340-11	s	CAPACITOR, ELECT 47MF
C817	1-164-690-11	s	CAPACITOR , CERAMIC 2200PF CH
C818	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C819	1-113-340-11	s	CAPACITOR, ELECT 47MF
C820	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C821	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C822	1-113-340-11	s	CAPACITOR, ELECT 47MF
C823	1-113-340-11	s	CAPACITOR, ELECT 47MF
C824	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C825	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C826	1-115-185-11	s	CAP CERAMIC 0.033MF/50V(2012)
C827	1-115-185-11	s	CAP CERAMIC 0.033MF/50V(2012)
C828	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C829	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C830	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C831	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C832	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C833	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C834	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C835	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C836	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C837	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C838	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C839	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C840	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C841	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C842	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C843	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C844	1-113-340-11	s	CAPACITOR, ELECT 47MF
C845	1-113-340-11	s	CAPACITOR, ELECT 47MF
C846	1-113-340-11	s	CAPACITOR, ELECT 47MF
C847	1-113-340-11	s	CAPACITOR, ELECT 47MF
C848	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C849	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C850	1-126-791-11	s	CAPACITOR,ELECT 10MF/35V
C851	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C900	1-126-394-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C901	1-126-394-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C902	1-126-394-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C903	1-126-394-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C904	1-110-501-11	s	CAPACITOR CERAMIC 0.33MF/16V
C905	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C906	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C907	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C908	1-127-951-21	s	CAPACITOR FILM 0.015MF/16V
C909	1-104-552-11	s	CAP,CHIP FILM 0.012MF
C910	1-135-201-11	s	CAPACITOR,CHIP TANTAL 10MF/4V
C911	1-127-956-21	s	CAPACITOR, CHIP FILM 0.1MF
C912	1-127-948-21	s	CAPACITOR FILM 0.0047MF/16V
C913	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C914	1-135-201-11	s	CAPACITOR,CHIP TANTAL 10MF/4V
C915	1-104-752-11	s	CAPACITOR TANTALUM 33MF/6.3V

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Ref. No. or Q'ty	Part No.	SP	Description
C916	1-163-259-91	s	CAPACITOR,CHIP CERAMIC 220PF
C917	1-104-752-11	s	CAPACITOR TANTALUM 33MF/6.3V
C918	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C919	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C920	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C921	1-135-201-11	s	CAPACITOR,CHIP TANTAL 10MF/4V
C922	1-163-259-91	s	CAPACITOR,CHIP CERAMIC 220PF
C923	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C924	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C925	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C926	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C927	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C928	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C929	1-163-121-00	s	CAPACITOR,CHIP CERAMIC 150PF
C930	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C931	1-163-121-00	s	CAPACITOR,CHIP CERAMIC 150PF
C932	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C933	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C934	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C935	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C936	1-126-396-11	s	CAPACITOR ELECT 47MF/16V(CHIP)
C937	1-126-396-11	s	CAPACITOR ELECT 47MF/16V(CHIP)
C938	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C939	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C940	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C941	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C942	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C943	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C944	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C945	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C946	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C947	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C948	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C949	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C950	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C951	1-126-395-11	s	CAPACITOR ELECT 22MF/16V(CHIP)
C952	1-126-395-11	s	CAPACITOR ELECT 22MF/16V(CHIP)
C953	1-164-161-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C954	1-163-017-00	s	CAPACITOR,CHIP CERAMIC 4700PF
C955	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C956	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C957	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C958	1-109-898-11	s	CAPACITOR,CHIP CERAMIC 18000PF
C959	1-109-897-11	s	CAPACITOR,CHIP CERAMIC 0.015MF
C960	1-109-898-11	s	CAPACITOR,CHIP CERAMIC 18000PF
C961	1-109-897-11	s	CAPACITOR,CHIP CERAMIC 0.015MF
C962	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C963	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1000	1-163-087-00	s	CAPACITOR,CHIP CERAMIC 4.0PF
C1001	1-163-087-00	s	CAPACITOR,CHIP CERAMIC 4.0PF
C1002	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1003	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1004	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1005	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1007	1-163-113-00	s	CAPACITOR,CHIP CERAMIC 68PF/50
C1008	1-163-113-00	s	CAPACITOR,CHIP CERAMIC 68PF/50
C1009	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1010	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1011	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C1012	1-163-239-11	s	CAPACITOR CHIP CERAMIC 33PF/50
C1013	1-163-239-11	s	CAPACITOR CHIP CERAMIC 33PF/50
C1014	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1015	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1017	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C1018	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C1019	1-135-214-21	s	CAPACITOR TANTAL 4.7MF/20V
C1020	1-135-214-21	s	CAPACITOR TANTAL 4.7MF/20V
C1021	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C1022	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C1023	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C1024	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C1025	1-163-087-00	s	CAPACITOR, CHIP CERAMIC 4.0PF
C1026	1-163-087-00	s	CAPACITOR, CHIP CERAMIC 4.0PF
C1027	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1028	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1029	1-163-139-00	s	CAPACITOR, CHIP CERAMIC 820PF
C1030	1-163-139-00	s	CAPACITOR, CHIP CERAMIC 820PF
C1031	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1032	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C1033	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C1034	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C1035	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C1036	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1037	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1038	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C1040	1-126-946-11	s	CAPACITOR, ELECT 6800MF/25V
C1041	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C1042	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C1043	1-128-126-11	s	CAPACITOR, ELECT 100M/25V
C1044	1-163-133-00	s	CAPACITOR, CHIP CERAMIC 470PF
C1046	1-128-126-11	s	CAPACITOR, ELECT 100M/25V
C1047	1-126-398-11	s	CAPACITOR ELECT 4.7MF/35V(CHIP
C1048	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C1049	1-163-989-11	s	CAPACITOR, CHIP CERAMIC 0.033M
C1050	1-164-004-11	s	CAPACITOR, CERAMIC 0.1MF/25V
C1055	1-128-499-11	s	CAPACITOR, ELECT 220MF/16V
C1056	1-128-499-11	s	CAPACITOR, ELECT 220MF/16V
C1058	1-104-920-11	s	CAPACITOR TANTALUM 4.7MF/35V
CN100	1-506-469-11	s	PIN, CONNECTOR 4P
CN101	1-566-767-11	o	PIN, CONNECTOR (PC BOARD) 12P
CN102	1-506-469-11	s	PIN, CONNECTOR 4P
CN103	1-566-766-11	o	PIN CONNECTOR PC BOARD 11P
CN104	1-566-765-11	o	PIN, CONNECTOR 10P
CN105	1-566-760-11	s	PIN, CONNECTOR (PC BOARD) 5P
CN106	1-565-772-11	o	CONNECTOR 10P
CN107	1-566-764-11	o	PIN, CONNECTOR (PC BOARD) 9P
CN108	1-566-765-11	o	PIN, CONNECTOR 10P
CN109	1-566-759-11	o	PIN, CONNECTOR 4P
CN110	1-580-716-11	o	PIN, CONNECTOR (PC BOARD) 13P
CN111	1-566-760-11	s	PIN, CONNECTOR (PC BOARD) 5P
CN112	1-566-763-11	o	PIN, CONNECTOR (PC BOARD) 8P
CN113	1-506-482-11	s	PIN, CONNECTOR 3P
CN114	1-506-467-11	o	PIN, CONNECTOR 2P
CN115	1-566-759-11	o	PIN, CONNECTOR 4P
CN116	1-564-004-11	o	PIN, CONNECTOR 5P
CN117	1-766-382-11	o	PIN, CONNECTOR (10P)(SMD)(1.5M
CN118	1-774-792-21	s	CONNECTOR, FPC/FFC (4P)
CN119	1-770-359-11	s	PIN, CONNECTOR (PC BOARD) 2P

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Ref. No. or Q'ty	Part No.	SP	Description
CN120	1-506-467-11	o	PIN, CONNECTOR 2P
CN400	1-770-678-11	o	CONNECTOR, BOARD TO BOARD 50P
CN901	1-774-267-11	s	CONNECTOR, BOARD TO BOARD 20P
CN902	1-774-269-11	s	CONNECTOR, BOARD TO BOARD 30P
CN903	1-774-269-11	s	CONNECTOR, BOARD TO BOARD 30P
CN904	1-774-269-11	s	CONNECTOR, BOARD TO BOARD 30P
CN905	1-774-269-11	s	CONNECTOR, BOARD TO BOARD 30P
CN1000	1-764-079-21	s	PIN, CONNECTOR (PC BOARD) 4P
CT900	1-424-511-11	s	TRANSFORMER, FE
CT901	1-424-511-11	s	TRANSFORMER, FE
CT1000	1-141-450-21	s	CAPACITOR ADJUSTMENT 50PF
D200	8-719-977-34	s	DIODE DTZ12
D201	8-719-977-34	s	DIODE DTZ12
D202	8-719-977-34	s	DIODE DTZ12
D203	8-719-977-34	s	DIODE DTZ12
D204	8-719-977-34	s	DIODE DTZ12
D205	8-719-977-34	s	DIODE DTZ12
D206	8-719-977-34	s	DIODE DTZ12
D207	8-719-977-34	s	DIODE DTZ12
D208	8-719-987-43	s	LED CL-150PG-CD
D209	8-719-987-43	s	LED CL-150PG-CD
D210	8-759-710-88	s	IC NJM431U
D211	8-719-989-22	s	LED CL-150R-CD
D600	8-719-975-56	s	DIODE 1SS1120A
D601	8-719-941-09	s	DIODE DAP202U
D602	8-719-941-09	s	DIODE DAP202U
D603	8-719-987-87	s	DIODE ERA85-009
D604	8-719-987-87	s	DIODE ERA85-009
D605	8-719-987-87	s	DIODE ERA85-009
D606	8-719-987-87	s	DIODE ERA85-009
D607	8-719-987-87	s	DIODE ERA85-009
D608	8-719-987-87	s	DIODE ERA85-009
D609	8-719-987-87	s	DIODE ERA85-009
D700	8-719-913-37	s	PHOTO INTERRUPTER GP1A06
D701	8-719-913-37	s	PHOTO INTERRUPTER GP1A06
D702	8-719-941-86	s	DIODE DAN202U
D703	8-719-941-86	s	DIODE DAN202U
D704	8-719-989-22	s	LED CL-150R-CD
D705	8-719-989-22	s	LED CL-150R-CD
D706	8-719-989-22	s	LED CL-150R-CD
D707	8-719-989-22	s	LED CL-150R-CD
D800	8-719-975-85	s	DIODE ERB83-004
D801	8-719-975-85	s	DIODE ERB83-004
D802	8-719-106-88	s	DIODE RD15M-B1
D803	8-719-941-86	s	DIODE DAN202U
D804	8-719-941-86	s	DIODE DAN202U
D805	8-719-975-85	s	DIODE ERB83-004
D806	8-719-975-85	s	DIODE ERB83-004
D807	8-719-941-86	s	DIODE DAN202U
D808	8-719-941-86	s	DIODE DAN202U
D809	8-719-941-23	s	DIODE DA204U
D810	8-719-941-23	s	DIODE DA204U
D900	8-719-941-23	s	DIODE DA204U
D901	8-719-941-23	s	DIODE DA204U
D902	8-719-105-28	s	DIODE RD2.4M-B
D903	8-719-105-28	s	DIODE RD2.4M-B
D904	8-719-941-86	s	DIODE DAN202U
D905	8-719-941-86	s	DIODE DAN202U

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Ref. No. or Q'ty	Part No.	SP	Description
D1000	8-719-024-77	s	DIODE HN1D03FU-TE85L
D1002	8-719-975-85	s	DIODE ERB83-004
D1003	8-719-987-87	s	DIODE ERA85-009
D1005	8-719-987-87	s	DIODE ERA85-009
D1006	8-719-987-87	s	DIODE ERA85-009
FB800	1-543-309-21	s	BEAD, FERRITE
FB801	1-543-309-21	s	BEAD, FERRITE
FB1000	1-543-309-21	s	BEAD, FERRITE
FB1001	1-543-309-21	s	BEAD, FERRITE
IC100	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC101	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC102	8-759-523-92	s	IC TC74VHC21FT(EL)
IC103	8-759-369-92	s	IC M51958AFP (600D)
IC104	8-759-523-95	s	IC TC74VHC74FT(EL)
IC105	8-759-524-48	s	IC TC74VHC393FT (EL)
IC106	8-759-523-81	s	IC TC74VHC08FT(EL)
IC107	8-759-523-94	s	IC TC74VHC32FT(EL)
IC108	8-759-524-07	s	IC TC74VHC138FT(EL)
IC109	8-759-524-07	s	IC TC74VHC138FT(EL)
IC110	8-759-546-58	s	IC MBM29F800BA-90PF
IC111	8-759-296-31	s	IC M48T18-100MH1TR
IC113	8-759-485-20	s	IC M5M5408ATP-55LL-EL
IC114	8-759-485-20	s	IC M5M5408ATP-55LL-EL
IC115	8-759-485-20	s	IC M5M5408ATP-55LL-EL
IC116	8-759-485-20	s	IC M5M5408ATP-55LL-EL
IC117	8-759-524-10	s	IC TC74VHC157FT (EL)
IC118	8-759-523-94	s	IC TC74VHC32FT(EL)
IC200	8-759-238-51	s	IC TC74HC4051AF (EL)
IC201	8-759-348-82	s	IC LTC491CS (E2)
IC202	8-759-348-83	s	IC LTC1337CS
IC203	8-759-543-54	s	IC HD64F7045F28
IC204	8-759-491-36	s	IC TC74VHCT244AF(EL)
IC205	8-759-491-32	s	IC TC74VHCT04AF(EL)
IC206	8-759-190-79	s	IC UPD72001GC-11-3B6
IC207	8-759-523-95	s	IC TC74VHC74FT(EL)
IC208	8-759-524-50	s	IC TC74VHC541FT(EL)
IC300	8-759-049-98	s	IC SN74HCT74APW
IC301	8-759-035-93	s	IC SC7532F
IC302	8-759-293-90	s	IC MSM514221B-30JS
IC303	8-759-011-65	s	IC MC74HC4053F
IC304	8-759-175-77	s	IC CXD8384Q
IC305	8-759-545-80	s	IC LC3564BM-70-TLM
IC306	8-759-175-56	s	IC CXD8804Q
IC307	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC308	8-759-523-78	s	IC TC74VHC00FT(EL)
IC309	8-759-524-52	s	IC TC74VHC574FT(EL)
IC310	8-759-524-50	s	IC TC74VHC541FT(EL)
IC312	8-759-524-50	s	IC TC74VHC541FT(EL)
IC313	8-759-348-79	s	IC TE7751
IC314	8-759-524-50	s	IC TC74VHC541FT(EL)
IC400	8-759-973-43	s	IC MB8421-90LPFQ
IC401	8-759-246-11	s	IC T6963C
IC402	8-759-049-88	s	IC SN74HCT245APW (E05)
IC403	8-759-359-91	s	IC LH5116N4
IC404	8-759-399-51	s	IC 74LVX4245QSCX
IC405	8-759-174-16	s	IC TC74VHC244F
IC406	8-759-174-16	s	IC TC74VHC244F
IC407	8-759-174-16	s	IC TC74VHC244F
IC408	8-759-049-88	s	IC SN74HCT245APW (E05)

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Ref. No. or Q'ty	Part No.	SP	Description
IC409	8-759-049-88	s	IC SN74HCT245APW (E05)
IC410	8-759-049-88	s	IC SN74HCT245APW (E05)
IC411	8-759-049-88	s	IC SN74HCT245APW (E05)
IC500	8-759-092-83	s	IC SN75158PS
IC501	8-759-523-78	s	IC TC74VHC00FT(EL)
IC502	8-759-277-99	s	IC CXD8889R
IC503	8-759-277-99	s	IC CXD8889R
IC504	8-759-523-84	s	IC TC74VHC14FT (EL)
IC505	8-759-548-99	s	IC SN74LV08APWR
IC507	8-759-523-79	s	IC TC74VHC02FT
IC511	8-759-388-16	o	IC HD6435328RE49F
IC512	8-759-454-72	s	IC CY62128-70SC-T2
IC513	8-759-167-82	s	IC M66220FP (200D)
IC514	8-759-285-08	s	IC CXD8344AQ
IC600	8-759-983-74	s	IC LM324NS
IC601	8-759-009-05	s	IC MC14051BF
IC602	8-759-009-05	s	IC MC14051BF
IC603	8-759-523-78	s	IC TC74VHC00FT(EL)
IC604	8-759-348-69	s	IC HD6415108RF10
IC605	8-759-583-87	s	IC CAT93C46KI-2.5
IC606	8-759-805-32	s	IC LA7205M
IC607	8-759-805-32	s	IC LA7205M
IC608	8-759-523-82	s	IC TC74VHC10FT (EL)
IC609	8-759-523-78	s	IC TC74VHC00FT(EL)
IC610	8-759-523-82	s	IC TC74VHC10FT (EL)
IC611	8-759-053-58	s	IC IDT6116SA25S0
IC612	8-759-053-58	s	IC IDT6116SA25S0
IC613	8-759-523-81	s	IC TC74VHC08FT(EL)
IC615	8-759-553-93	s	IC MBM29F400BC-90PF
IC701	8-759-983-74	s	IC LM324NS
IC702	8-759-239-55	s	IC TC74HC123AF
IC703	8-759-925-05	s	IC LM2903PS
IC704	8-759-925-05	s	IC LM2903PS
IC705	8-752-343-05	s	IC CXD2202Q
IC706	8-752-381-84	s	IC CXD1095BQ
IC707	8-759-491-47	s	IC TC74VHCT08FT (EL)
IC800	8-759-925-05	s	IC LM2903PS
IC801	8-759-983-69	s	IC LM358PS
IC802	8-759-983-69	s	IC LM358PS
IC803	8-759-983-69	s	IC LM358PS
IC804	8-759-983-69	s	IC LM358PS
IC805	8-759-925-05	s	IC LM2903PS
IC806	8-759-245-52	s	IC TA7291F
IC807	8-759-245-52	s	IC TA7291F
IC808	8-759-983-74	s	IC LM324NS
IC809	8-759-983-74	s	IC LM324NS
IC810	8-759-925-05	s	IC LM2903PS
IC811	8-759-983-69	s	IC LM358PS
IC812	8-759-983-69	s	IC LM358PS
IC900	8-759-530-05	s	IC TC4053BFT (EL.N)
IC901	8-759-530-05	s	IC TC4053BFT (EL.N)
IC902	8-759-173-16	s	IC TL062CPW
IC903	8-759-369-73	s	IC NJM4556AM
IC904	8-759-710-28	s	IC NJM4565M-A
IC905	8-759-710-28	s	IC NJM4565M-A
IC906	8-759-209-57	s	IC TC4S69F
IC907	8-759-700-07	s	IC NJM2903M
IC908	8-759-700-07	s	IC NJM2903M
IC909	8-759-209-15	s	IC TC4SU69F

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Ref. No. or Q'ty	Part No.	SP	Description
IC910	8-759-209-15	s	IC TC4SU69F
IC911	8-759-209-15	s	IC TC4SU69F
IC1000	8-759-523-78	s	IC TC74VHC00FT(EL)
IC1001	8-759-531-73	s	IC CXD8753Q
IC1002	8-759-524-27	s	IC TC74VHC244FT(EL)
IC1003	8-759-970-68	s	IC LF353M
IC1004	8-759-980-04	s	IC LM311PS
IC1007	8-759-261-48	s	IC TL1451ACPW(R)
IS110	1-251-496-21	o	SOCKET, IC
IS509	1-540-151-21	s	SOCKET, IC
IS615	1-251-496-21	o	SOCKET, IC
L500	1-410-393-11	s	CHIP INDUCTOR 100UH (3225)
L601	1-409-722-11	s	COIL, CHOKE 220UH
L602	1-409-722-11	s	COIL, CHOKE 220UH
L603	1-409-722-11	s	COIL, CHOKE 220UH
L604	1-409-722-11	s	COIL, CHOKE 220UH
L900	1-424-643-11	s	COIL, CHOKE (OPEN)
L901	1-424-643-11	s	COIL, CHOKE (OPEN)
L902	1-424-642-11	s	COIL, CHOKE (SHIELD)
L903	1-424-642-11	s	COIL, CHOKE (SHIELD)
L1000	1-412-186-11	s	MICRO INDUCTOR 15UH
L1001	1-412-186-11	s	MICRO INDUCTOR 15UH
L1002	1-412-174-11	s	MICRO INDUCTOR 1.0 UF
L1003	1-412-174-11	s	MICRO INDUCTOR 1.0 UF
L1004	1-412-186-11	s	MICRO INDUCTOR 15UH
L1005	1-412-186-11	s	MICRO INDUCTOR 15UH
L1006	1-410-377-31	s	INDUCTOR,CHIP 4.7UH (3225)
L1007	1-410-377-31	s	INDUCTOR,CHIP 4.7UH (3225)
L1008	1-409-722-11	s	COIL, CHOKE 220UH
L1009	1-409-722-11	s	COIL, CHOKE 220UH
LV900	1-414-007-11	s	COIL, VARIABLE
PH500	8-749-924-62	s	PHOTO COUPLER PC410
PH501	8-749-924-62	s	PHOTO COUPLER PC410
PH502	8-749-924-62	s	PHOTO COUPLER PC410
PH503	8-749-924-62	s	PHOTO COUPLER PC410
Q100	8-729-027-46	s	TRANSISTOR DTC114YKA-T146
Q500	8-729-036-15	s	TRANSISTOR SI6542DQ-TL
Q600	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q601	8-729-117-32	s	TRANSISTOR 2SC4177
Q602	8-729-049-56	s	TRANSISTOR 2SK2415
Q603	8-729-049-56	s	TRANSISTOR 2SK2415
Q604	8-729-049-56	s	TRANSISTOR 2SK2415
Q605	8-729-049-56	s	TRANSISTOR 2SK2415
Q606	8-729-049-56	s	TRANSISTOR 2SK2415
Q607	8-729-049-56	s	TRANSISTOR 2SK2415
Q608	8-729-049-56	s	TRANSISTOR 2SK2415
Q700	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q701	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q702	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q800	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q801	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q802	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q803	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q804	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q805	8-729-118-56	s	FET 2SK852-X2
Q806	8-729-020-93	s	TRANSISTOR 2SC2982C-TE12L
Q807	8-729-029-14	s	TRANSISTOR DTC144EUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q808	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q809	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q810	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q811	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q812	8-729-117-32	s	TRANSISTOR 2SC4177
Q813	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q814	8-729-117-32	s	TRANSISTOR 2SC4177
Q815	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q816	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q817	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q818	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q819	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q820	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q821	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q822	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q823	8-729-117-32	s	TRANSISTOR 2SC4177
Q824	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q825	8-729-117-32	s	TRANSISTOR 2SC4177
Q826	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q900	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q901	8-729-117-32	s	TRANSISTOR 2SC4177
Q902	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q903	8-729-117-32	s	TRANSISTOR 2SC4177
Q904	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q905	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q906	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q907	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q908	8-729-824-34	s	TRANSISTOR 2SJ187
Q909	8-729-030-95	s	TRANSISTOR 2SK2151-TD
Q910	8-729-109-44	s	TRANSISTOR 2SK94
Q911	8-729-824-34	s	TRANSISTOR 2SJ187
Q912	8-729-030-95	s	TRANSISTOR 2SK2151-TD
Q913	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q914	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q915	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q916	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q917	8-729-824-34	s	TRANSISTOR 2SJ187
Q918	8-729-824-34	s	TRANSISTOR 2SJ187
Q919	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q920	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q921	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q922	8-729-209-07	s	TRANSISTOR 2SC4213-B
Q1000	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q1001	8-729-117-32	s	TRANSISTOR 2SC4177
Q1002	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1003	8-729-036-15	s	TRANSISTOR SI6542DQ-TL
Q1004	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q1005	8-729-028-81	s	TRANSISTOR DTA123JUA-T106
Q1007	8-729-117-32	s	TRANSISTOR 2SC4177
Q1008	8-729-321-78	s	FET 2SJ176
Q1009	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q1011	8-729-019-03	s	TRANSISTOR 2SB1202FA-T-TL
Q1014	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q1015	8-729-141-75	s	TRANSISTOR 2SD596DV345
Q1016	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R4	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R5	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R13	1-216-089-91	s	RESISTOR, CHIP 47K
R100	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R101	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R102	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R103	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R104	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R105	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R106	1-216-089-91	s	RESISTOR, CHIP 47K
R107	1-216-013-00	s	RESISTOR,CHIP 33 1/10W(2012)
R108	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R109	1-216-680-11	s	RESISTOR CHIP 16K 1/10W (2012)
R110	1-216-634-11	s	RESISTOR,CHIP 200 1/10W(2012)
R111	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R112	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R113	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R114	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R115	1-216-089-91	s	RESISTOR, CHIP 47K
R116	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R117	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R118	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R119	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R120	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R123	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R124	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R200	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R201	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R202	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R203	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R204	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R205	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R206	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R207	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R208	1-216-085-00	s	RESISTOR CHIP 33K 1/10W(2012)
R209	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R210	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R211	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R212	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R213	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R214	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R215	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R216	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R217	1-216-089-91	s	RESISTOR, CHIP 47K
R218	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R219	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R220	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R221	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R222	1-216-009-00	s	RESISTOR,CHIP 22 1/10W(2125)
R223	1-216-009-00	s	RESISTOR,CHIP 22 1/10W(2125)
R224	1-216-009-00	s	RESISTOR,CHIP 22 1/10W(2125)
R225	1-216-009-00	s	RESISTOR,CHIP 22 1/10W(2125)
R226	1-216-009-00	s	RESISTOR,CHIP 22 1/10W(2125)
R227	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R228	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R229	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R230	1-216-047-91	s	RESISTOR, CHIP 820 1/10W(2125)
R231	1-216-047-91	s	RESISTOR, CHIP 820 1/10W(2125)
R232	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R233	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R234	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R235	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R236	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)

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R237	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R238	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R239	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R240	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R241	1-216-089-91	s	RESISTOR, CHIP 47K
R243	1-216-089-91	s	RESISTOR, CHIP 47K
R244	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R247	1-216-627-11	s	RESISTOR,CHIP 100 1/10W(2012)
R248	1-216-677-11	s	RESISTOR,CHIP 12K 1/10W(2012)
R249	1-216-679-11	s	RESISTOR CHIP 15K 1/10W(2012)
R250	1-216-047-91	s	RESISTOR, CHIP 820 1/10W(2125)
R251	1-216-089-91	s	RESISTOR, CHIP 47K
R300	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R301	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R302	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R303	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R304	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R305	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R306	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R307	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R308	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R309	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R310	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R311	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R312	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R313	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R314	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R315	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R316	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R318	1-216-089-91	s	RESISTOR, CHIP 47K
R320	1-216-089-91	s	RESISTOR, CHIP 47K
R321	1-216-089-91	s	RESISTOR, CHIP 47K
R322	1-216-089-91	s	RESISTOR, CHIP 47K
R323	1-216-089-91	s	RESISTOR, CHIP 47K
R324	1-216-089-91	s	RESISTOR, CHIP 47K
R325	1-216-089-91	s	RESISTOR, CHIP 47K
R327	1-216-089-91	s	RESISTOR, CHIP 47K
R328	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R329	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R330	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R331	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R332	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R334	1-216-089-91	s	RESISTOR, CHIP 47K
R335	1-216-089-91	s	RESISTOR, CHIP 47K
R336	1-216-089-91	s	RESISTOR, CHIP 47K
R400	1-216-089-91	s	RESISTOR, CHIP 47K
R401	1-216-089-91	s	RESISTOR, CHIP 47K
R402	1-216-089-91	s	RESISTOR, CHIP 47K
R407	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R408	1-216-089-91	s	RESISTOR, CHIP 47K
R409	1-216-089-91	s	RESISTOR, CHIP 47K
R500	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R501	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R502	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R503	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R504	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R505	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R506	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R507	1-216-069-00	s	RESISTOR,CHIP 6.8K 1/10W(2012)

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R508	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R509	1-216-069-00	s RESISTOR,CHIP 6.8K 1/10W(2012)
R510	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R511	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R512	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R513	1-216-603-11	s RESISTOR,CHIP 10 1/10W(2012)
R514	1-216-610-11	s RESISTOR,CHIP 20 1/10W(2012)
R515	1-216-089-91	s RESISTOR, CHIP 47K
R516	1-216-089-91	s RESISTOR, CHIP 47K
R517	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R600	1-216-682-11	s RESISTOR,CHIP 20K 1/10W (2012)
R601	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R602	1-216-687-11	s RESISTOR CHIP 33K 1/10W (2012)
R603	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R604	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R605	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R606	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R607	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R608	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R609	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R610	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R611	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R612	1-216-103-00	s RESISTOR,CHIP 180K 1/10W(2012)
R613	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R614	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R615	1-216-079-00	s RESISTOR CHIP 18K 1/10W(2012)
R616	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R617	1-216-079-00	s RESISTOR CHIP 18K 1/10W(2012)
R618	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R619	1-216-103-00	s RESISTOR,CHIP 180K 1/10W(2012)
R620	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R621	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R622	1-216-049-91	s RESISTOR,CHIP 1K 1/10W(2125)
R623	1-216-089-91	s RESISTOR, CHIP 47K
R624	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R625	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R626	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R627	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R628	1-216-691-11	s RESISTOR CHIP 47K 1/10W(2012)
R629	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R630	1-216-089-91	s RESISTOR, CHIP 47K
R631	1-216-089-91	s RESISTOR, CHIP 47K
R632	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R633	1-216-089-91	s RESISTOR, CHIP 47K
R634	1-216-089-91	s RESISTOR, CHIP 47K
R635	1-216-089-91	s RESISTOR, CHIP 47K
R636	1-216-089-91	s RESISTOR, CHIP 47K
R637	1-216-089-91	s RESISTOR, CHIP 47K
R638	1-216-089-91	s RESISTOR, CHIP 47K
R639	1-216-089-91	s RESISTOR, CHIP 47K
R640	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R641	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R642	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R643	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R644	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R645	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R646	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R647	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R648	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)

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R649	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R650	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R651	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R652	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R653	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R654	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R655	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R656	1-216-057-00	s RESISTOR CHIP 2.2K 1/10W(2012)
R657	1-216-025-91	s RESISTOR,CHIP 100 1/10W(2125)
R658	1-216-025-91	s RESISTOR,CHIP 100 1/10W(2125)
R659	1-216-025-91	s RESISTOR,CHIP 100 1/10W(2125)
R660	1-216-025-91	s RESISTOR,CHIP 100 1/10W(2125)
R661	1-216-675-11	s RESISTOR CHIP 10K 1/10W(2012)
R700	1-216-089-91	s RESISTOR, CHIP 47K
R701	1-216-089-91	s RESISTOR, CHIP 47K
R702	1-216-089-91	s RESISTOR, CHIP 47K
R703	1-216-089-91	s RESISTOR, CHIP 47K
R704	1-216-089-91	s RESISTOR, CHIP 47K
R705	1-216-089-91	s RESISTOR, CHIP 47K
R706	1-216-061-00	s RESISTOR CHIP 3.3K 1/10W(2012)
R707	1-216-061-00	s RESISTOR CHIP 3.3K 1/10W(2012)
R708	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R709	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R710	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R711	1-216-105-91	s RESISTOR,CHIP 220K 1/10W(2125)
R712	1-216-105-91	s RESISTOR,CHIP 220K 1/10W(2125)
R713	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R714	1-216-079-00	s RESISTOR CHIP 18K 1/10W(2012)
R715	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R716	1-216-079-00	s RESISTOR CHIP 18K 1/10W(2012)
R717	1-216-033-00	s RESISTOR,CHIP 220 1/10W(2012)
R718	1-216-089-91	s RESISTOR, CHIP 47K
R719	1-216-103-00	s RESISTOR,CHIP 180K 1/10W(2012)
R720	1-216-103-00	s RESISTOR,CHIP 180K 1/10W(2012)
R721	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R722	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R723	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R724	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R725	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R726	1-216-081-00	s RESISTOR,CHIP 22K 1/10W(2012)
R727	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R728	1-216-081-00	s RESISTOR,CHIP 22K 1/10W(2012)
R729	1-216-105-91	s RESISTOR,CHIP 220K 1/10W(2125)
R730	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R731	1-216-105-91	s RESISTOR,CHIP 220K 1/10W(2125)
R732	1-216-121-91	s RESISTOR CHIP 1M 1/10W(2125)
R733	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R734	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R735	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R736	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R738	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R739	1-216-073-00	s RESISTOR,CHIP 10K 1/10W(2012)
R740	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R741	1-216-065-91	s RESISTOR,CHIP 4.7K (2012)
R800	1-218-768-11	s RESISTOR CHIP 470K 1/10W(2012)
R801	1-218-768-11	s RESISTOR CHIP 470K 1/10W(2012)
R802	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R803	1-216-097-91	s RESISTOR,CHIP 100K 1/10W(2012)
R804	1-218-770-11	s RESISTOR,CHIP 560K 1/10W(2012)

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R805	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R806	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R807	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R808	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R809	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R810	1-216-698-11	s	RESISTOR,CHIP 91K 1/10W(2012)
R811	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R812	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R813	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R814	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R815	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R816	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R817	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R818	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R819	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R820	1-216-682-11	s	RESISTOR,CHIP 20K 1/10W (2012)
R821	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R822	1-216-687-11	s	RESISTOR,CHIP 33K 1/10W (2012)
R823	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R824	1-216-697-91	s	RESISTOR,CHIP METAL OXIDE 82K
R825	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R826	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R827	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R828	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R829	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R830	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R831	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R832	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R833	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R834	1-216-687-11	s	RESISTOR,CHIP 33K 1/10W (2012)
R835	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R836	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R837	1-216-697-91	s	RESISTOR,CHIP METAL OXIDE 82K
R838	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R839	1-218-236-91	s	RESISTOR,CHIP 1.0
R840	1-218-236-91	s	RESISTOR,CHIP 1.0
R841	1-218-236-91	s	RESISTOR,CHIP 1.0
R842	1-218-236-91	s	RESISTOR,CHIP 1.0
R843	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R844	1-218-236-91	s	RESISTOR,CHIP 1.0
R845	1-218-236-91	s	RESISTOR,CHIP 1.0
R846	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R847	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R848	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R849	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R850	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R851	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R852	1-216-067-00	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R853	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R854	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R855	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R856	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R857	1-218-236-91	s	RESISTOR,CHIP 1.0
R858	1-218-236-91	s	RESISTOR,CHIP 1.0
R859	1-218-236-91	s	RESISTOR,CHIP 1.0
R860	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R861	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R862	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R863	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)

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R864	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R865	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R866	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R867	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R868	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R869	1-216-695-11	s	RESISTOR,CHIP 68K 1/10W(2012)
R870	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R871	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R872	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R873	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R874	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R875	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R876	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R877	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R878	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R879	1-216-121-91	s	RESISTOR,CHIP 1M 1/10W(2125)
R880	1-216-089-91	s	RESISTOR,CHIP 47K
R881	1-216-089-91	s	RESISTOR,CHIP 47K
R882	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R883	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R884	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R885	1-216-057-00	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R886	1-216-089-91	s	RESISTOR,CHIP 47K
R887	1-216-089-91	s	RESISTOR,CHIP 47K
R888	1-216-089-91	s	RESISTOR,CHIP 47K
R889	1-216-089-91	s	RESISTOR,CHIP 47K
R890	1-216-089-91	s	RESISTOR,CHIP 47K
R891	1-216-089-91	s	RESISTOR,CHIP 47K
R892	1-216-089-91	s	RESISTOR,CHIP 47K
R893	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R894	1-216-089-91	s	RESISTOR,CHIP 47K
R895	1-216-089-91	s	RESISTOR,CHIP 47K
R896	1-216-089-91	s	RESISTOR,CHIP 47K
R897	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R898	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R899	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R900	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R901	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R902	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R903	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R904	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R905	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R906	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R907	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R908	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R909	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R910	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R911	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R912	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R913	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R914	1-218-236-91	s	RESISTOR,CHIP 1.0
R915	1-218-236-91	s	RESISTOR,CHIP 1.0
R916	1-218-236-91	s	RESISTOR,CHIP 1.0
R917	1-218-236-91	s	RESISTOR,CHIP 1.0
R918	1-218-236-91	s	RESISTOR,CHIP 1.0
R919	1-218-236-91	s	RESISTOR,CHIP 1.0
R920	1-216-085-00	s	RESISTOR,CHIP 33K 1/10W(2012)
R921	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R922	1-216-085-00	s	RESISTOR,CHIP 33K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R923	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R924	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R925	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R926	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R927	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R928	1-216-049-91	s	RESISTOR,CHIP 1K 1/10W(2125)
R929	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R930	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R931	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R932	1-216-089-91	s	RESISTOR, CHIP 47K
R933	1-216-089-91	s	RESISTOR, CHIP 47K
R934	1-216-089-91	s	RESISTOR, CHIP 47K
R935	1-216-089-91	s	RESISTOR, CHIP 47K
R936	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R937	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R950	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R951	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R952	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R953	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R954	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R955	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R956	1-216-101-00	s	RESISTOR CHIP 150K 1/10W(2012)
R957	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R958	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R959	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R960	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R961	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R962	1-216-101-00	s	RESISTOR CHIP 150K 1/10W(2012)
R963	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R964	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R965	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R966	1-216-085-00	s	RESISTOR CHIP 33K 1/10W(2012)
R967	1-216-113-00	s	RESISTOR CHIP 470K 1/10W(2012)
R968	1-216-113-00	s	RESISTOR CHIP 470K 1/10W(2012)
R969	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R970	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R971	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R972	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R973	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R974	1-216-089-91	s	RESISTOR, CHIP 47K
R975	1-216-105-91	s	RESISTOR,CHIP 220K 1/10W(2125)
R976	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R977	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R978	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R979	1-216-089-91	s	RESISTOR, CHIP 47K
R980	1-216-643-11	s	RESISTOR CHIP 470 1/10W (2012)
R981	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R982	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R983	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R984	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R985	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R986	1-216-643-11	s	RESISTOR CHIP 470 1/10W (2012)
R987	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R988	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R989	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R990	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R991	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R992	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R993	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)

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R994	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R995	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R996	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R997	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R998	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R999	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R1000	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R1001	1-216-668-11	s	RESISTOR,CHIP 5.1K 1/10W(2012)
R1002	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1003	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1004	1-216-097-91	s	RESISTOR,CHIP 100K 1/10W(2012)
R1005	1-218-762-11	s	RESISTOR,CHIP 270K 1/10W(2012)
R1006	1-216-685-11	s	RESISTOR,CHIP 27K 1/10W(2012)
R1007	1-218-762-11	s	RESISTOR,CHIP 270K 1/10W(2012)
R1008	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R1009	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R1010	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R1011	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1012	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1013	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1014	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R1015	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R1016	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1017	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1018	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R1019	1-216-065-91	s	RESISTOR,CHIP 4.7K (2012)
R1020	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R1021	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R1022	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R1023	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R1024	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R1025	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R1026	1-216-111-00	s	RESISTOR,CHIP 390K 1/10(2012)
R1027	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R1028	1-216-111-00	s	RESISTOR,CHIP 390K 1/10(2012)
R1029	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R1030	1-216-689-11	s	RESISTOR CHIP 39K 1/10W(2012)
R1031	1-216-689-11	s	RESISTOR CHIP 39K 1/10W(2012)
R1032	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R1033	1-216-691-11	s	RESISTOR CHIP 47K 1/10W(2012)
R1034	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1035	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1036	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1037	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1039	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1040	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1041	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1042	1-216-298-00	s	RESISTOR,CHIP 2.2 1/10(2012)
R1050	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R1051	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R1053	1-216-665-11	s	RESISTOR,CHIP 3.9K 1/10W(2012)
R1054	1-216-650-11	s	RESISTOR,CHIP 910 1/10W(2012)
R1056	1-216-612-11	s	RESISTOR,CHIP 24 1/10W(2012)
R1057	1-216-610-11	s	RESISTOR,CHIP 20 1/10W(2012)
R1058	1-216-612-11	s	RESISTOR,CHIP 24 1/10W(2012)
R1059	1-216-665-11	s	RESISTOR,CHIP 3.9K 1/10W(2012)
R1060	1-216-650-11	s	RESISTOR,CHIP 910 1/10W(2012)
R1061	1-216-121-91	s	RESISTOR CHIP 1M 1/10W(2125)
R1062	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)

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R1063	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1064	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R1065	1-216-634-11	s	RESISTOR,CHIP 200 1/10W(2012)
R1066	1-216-658-11	s	RESISTOR,CHIP 2.0K 1/10W(2012)
R1067	1-216-641-11	s	RESISTOR,CHIP 390 1/10W(2012)
R1069	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R1070	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R1071	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1072	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1073	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1074	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1075	1-216-643-11	s	RESISTOR CHIP 470 1/10W (2012)
R1076	1-216-643-11	s	RESISTOR CHIP 470 1/10W(2012)
R1077	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1078	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1079	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1080	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1081	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1082	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R1083	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R1084	1-216-683-11	s	RESISTOR CHIP 22K 1/10W (2012)
R1085	1-216-610-11	s	RESISTOR,CHIP 20 1/10W(2012)
R1086	1-216-610-11	s	RESISTOR,CHIP 20 1/10W(2012)
R1087	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1088	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1089	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1090	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R1091	1-216-089-91	s	RESISTOR, CHIP 47K
R1094	1-216-113-00	s	RESISTOR CHIP 470K 1/10W(2012)
R1096	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1097	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1098	1-216-079-00	s	RESISTOR CHIP 18K 1/10W(2012)
R1099	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1100	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R1101	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R1102	1-216-681-11	s	RESISTOR CHIP 18K 1/10W (2012)
R1103	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1104	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)
R1105	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R1108	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1109	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1110	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1111	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1113	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R1114	1-216-041-00	s	RESISTOR, CHIP 470 1/10W(2012)
R1115	1-216-025-91	s	RESISTOR,CHIP 100 1/10W(2125)
R1116	1-216-105-91	s	RESISTOR,CHIP 220K 1/10W(2125)
R1119	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R1120	1-216-041-00	s	RESISTOR, CHIP 470 1/10W(2012)
R1121	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R1125	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R1126	1-216-687-11	s	RESISTOR CHIP 33K 1/10W(2012)
R1129	1-216-675-11	s	RESISTOR CHIP 10K 1/10W(2012)
R1130	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)
R1131	1-218-759-11	s	RESISTOR,CHIP 200K 1/10W(2012)
R1132	1-216-685-11	s	RESISTOR,CHIP 27K 1/10W(2012)
R1134	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1137	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1138	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)

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R1139	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1140	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1141	1-216-105-91	s	RESISTOR,CHIP 220K 1/10W(2125)
R1142	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
RB100	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB101	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB102	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB103	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB104	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB105	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB106	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB107	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB108	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB200	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB300	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB301	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB302	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB303	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB304	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB305	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB306	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB307	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB400	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB401	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB500	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB501	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB502	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB503	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB504	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB505	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB506	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB507	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB600	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB601	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB602	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K
RB700	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
RB701	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB702	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
RB703	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
RB704	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
RB705	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB706	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
RB707	1-239-430-11	s	NETWORK RESISTOR 4.7K (1608)
RB708	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB709	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB710	1-239-305-11	s	RESISTOR ARRAY,CHIP 4.7K
RB1000	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB1001	1-239-621-11	s	NETWORK RESISTOR 22 (1608)
RV400	1-238-785-21	s	RESISTOR, ADJ, CERMET 2K
RV600	1-241-520-11	s	RESISTOR VAR, CARBON 10K
RV601	1-237-038-11	s	RESISTOR,ADJ,CERMET 50K
RV1000	1-237-035-11	s	RESISTOR,ADJ,CERMET 5K
RV1001	1-237-035-11	s	RESISTOR,ADJ,CERMET 5K
S100	1-572-473-11	s	SWITCH, TACTIL
S101	1-692-271-31	s	SWITCH, SLIDE
S701	1-692-270-41	s	SWITCH, SLIDE
THP1	1-803-070-11	s	THERMISTOR, POSITIVE

(SST-13 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
X100	1-767-283-21	s OSCILLATOR, CRYSTAL
X200	1-767-139-21	s OSCILLATOR, CRYSTAL
X500	1-760-435-11	s VIBRATOR, CRYSTAL
X600	1-579-996-21	s VIBRATOR, CERAMIC
X1000	1-767-973-11	s VIBRATOR, CRYSTAL

TR-57 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6754-272-A	o MOUNTED CIRCUIT BOARD, TR-57
4pcs	1-564-831-11	o CONNECTOR CONTACT
4pcs	1-569-193-11	o TERMINAL, SOLDERLESS
CN1	1-562-737-11	o HOUSING, CONNECTOR 4P
CN954	1-569-197-41	o HOUSING, CONNECTOR 4P
PD1	8-745-001-07	s DME DM-230-1

VPR-53 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8321-710-A	o MOUNTED CIRCUIT BOARD, VPR-53
C2	1-162-905-11	s CAPACITOR, CERAMIC 1PF/50V (CK)
C3	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C4	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C5	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C6	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C7	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C9	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C11	1-162-908-11	s CAPACITOR, CERAMIC 3PF/50V 1608
C12	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C13	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C14	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C16	1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C17	1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C18	1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C19	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C21	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C22	1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C23	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C25	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C27	1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C28	1-113-682-11	s CAPACITOR, TANTALUM 33MF/10V
C29	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C30	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C31	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C32	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C33	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C34	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C35	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C36	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C37	1-162-927-11	s CAPACITOR, CERAMIC 100PF/50V CH
C38	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C39	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C40	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C41	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C42	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C43	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C44	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C45	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C46	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C47	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C48	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C49	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C50	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C51	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C52	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C53	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C54	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C55	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C56	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C57	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C58	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C59	1-104-851-11	s CAPACITOR, TANTALUM 10MF/10V
C60	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C61	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C62	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C63	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C64	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C65	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C66	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF

(VPR-53 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C268	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C269	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C270	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C271	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C272	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C274	1-162-905-11	s CAPACITOR,CERAMIC 1PF/50V (CK)
C275	1-162-905-11	s CAPACITOR,CERAMIC 1PF/50V (CK)
C276	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C277	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C278	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C279	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C280	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C281	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C282	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C283	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C284	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C285	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C286	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C287	1-104-851-11	s CAPACITOR,TANTALUM 10MF/10V
C288	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C289	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C290	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C293	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C294	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C300	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C302	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C303	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C304	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C305	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C306	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C307	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C308	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C309	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C311	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C312	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C313	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C314	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C315	1-135-180-21	s CAPACITOR TANTALUM 3.3MF/10V
C324	1-162-905-11	s CAPACITOR,CERAMIC 1PF/50V (CK)
C325	1-162-905-11	s CAPACITOR,CERAMIC 1PF/50V (CK)
C326	1-162-905-11	s CAPACITOR,CERAMIC 1PF/50V (CK)
C327	1-162-905-11	s CAPACITOR,CERAMIC 1PF/50V (CK)
C328	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C329	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C330	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C331	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C332	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C333	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C334	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C335	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C336	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C337	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C338	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C339	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C400	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C401	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP Description
C403	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-104-551-11	s CAPACITOR FILM 0.01MF/16V 2125
C406	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C407	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C408	1-104-563-11	s CAPACITOR, CHIP FILM 0.1MF
C409	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C410	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C413	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C414	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C415	1-107-823-11	s CAPACITOR,CERAMIC 0.47MF/16V
C416	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C417	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C418	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C419	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C421	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C422	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C423	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C424	1-162-924-11	s CAPACITOR,CERAMIC 56PF/50V CH
C425	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C426	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C427	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C428	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C429	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C430	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C431	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C432	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C433	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C434	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C435	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C436	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C437	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C438	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C439	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C440	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C441	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C442	1-128-709-11	s CAPACITOR,POLYPYRROLE 68MF
C443	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C444	1-162-920-11	s CAPACITOR,CERAMIC 27PF/50V CH
C445	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C446	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C447	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C448	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C449	1-104-914-11	s CAPACITOR CHIP TANTAL 22MF/16V
C450	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C451	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C452	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C453	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C454	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C455	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C457	1-162-956-11	s CAPACITOR,CERAMIC 180PF/50V SL
C458	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C459	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C460	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C461	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C462	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP Description
C1804	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1805	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1806	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1807	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1808	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C1809	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1810	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1811	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1812	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1813	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1900	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1901	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1902	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1903	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1904	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1905	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1906	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1907	1-126-397-11	s CAPACITOR ELECT 33MF/25V(CHIP)
C1908	1-128-707-11	s CAPACITOR,POLYPYRROLE 220MF
C1909	1-128-707-11	s CAPACITOR,POLYPYRROLE 220MF
C1910	1-128-706-11	s CAPACITOR,POLYPYRROLE 150MF
C1911	1-128-706-11	s CAPACITOR,POLYPYRROLE 150MF
C1912	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C1913	1-126-393-11	s CAPACITOR ELECT 33MF/10V(CHIP)
C1914	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1915	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1916	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1917	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1918	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1919	1-128-707-11	s CAPACITOR,POLYPYRROLE 220MF
C1920	1-128-707-11	s CAPACITOR,POLYPYRROLE 220MF
C1921	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1922	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1923	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C1924	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1925	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1926	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1927	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1928	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1929	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1930	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1931	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1932	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1933	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1934	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1935	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1936	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C1937	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
CN201	1-774-269-11	s CONNECTOR, BOARD TO BOARD 30P
CN202	1-774-269-11	s CONNECTOR, BOARD TO BOARD 30P
CN203	1-774-267-11	s CONNECTOR, BOARD TO BOARD 20P
CN204	1-774-268-11	s CONNECTOR, BOARD TO BOARD 26P
CN205	1-774-269-11	s CONNECTOR, BOARD TO BOARD 30P
CN206	1-566-765-11	o PIN,CONNECTOR 10P
CN207	1-566-767-11	o PIN,CONNECTOR (PC BOARD) 12P
CN208	1-566-761-11	o PIN,CONNECTOR (PC BOARD) 6P
CN209	1-779-393-11	o CONNECTOR, BOARD TO BOARD 100P
CN210	1-779-393-11	o CONNECTOR, BOARD TO BOARD 100P
CN212	1-564-002-11	s PIN, CONNECTOR 3P

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Ref. No. or Q'ty	Part No.	SP Description
CN213	1-566-762-11	o PIN,CONNECTOR(PC BOARD)7P
CN214	1-566-763-11	o PIN,CONNECTOR (PC BOARD) 8P
CN215	1-566-759-11	o PIN,CONNECTOR 4P
CN216	1-566-767-11	o PIN,CONNECTOR (PC BOARD) 12P
CN906	1-774-267-11	s CONNECTOR, BOARD TO BOARD 20P
CN907	1-774-269-11	s CONNECTOR, BOARD TO BOARD 30P
CN908	1-774-269-11	s CONNECTOR, BOARD TO BOARD 30P
CN909	1-774-269-11	s CONNECTOR, BOARD TO BOARD 30P
CN910	1-774-266-11	s CONNECTOR, BOARD TO BOARD 18P
D200	8-759-185-42	s IC LM4040AIM3-2.5
D400	8-719-023-69	s DIODE SB007T03Q
D401	8-719-023-69	s DIODE SB007T03Q
D402	8-719-023-69	s DIODE SB007T03Q
D500	8-759-185-42	s IC LM4040AIM3-2.5
D1400	8-719-941-23	s DIODE DA204U
D1700	8-719-938-72	s DIODE SB01-05CP (RECTI)
FB400	1-543-622-11	s BEAD,FERRITE (CHIP)
FB401	1-543-622-11	s BEAD,FERRITE (CHIP)
FB402	1-543-622-11	s BEAD,FERRITE (CHIP)
FB403	1-543-622-11	s BEAD,FERRITE (CHIP)
FB404	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1500	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1501	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1502	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1503	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1504	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1505	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1506	1-543-622-11	s BEAD,FERRITE (CHIP)
FB1507	1-543-622-11	s BEAD,FERRITE (CHIP)
FL1	1-234-316-11	s FILTER, LOW PASS
FL2	1-234-317-11	s FILTER, LOW PASS
FL3	1-234-317-11	s FILTER, LOW PASS
FL200	1-233-997-11	s FILTER,LOW PASS
FL201	1-233-996-11	s FILTER,LOW PASS
FL202	1-233-996-11	s FILTER,LOW PASS
FL500	1-239-894-11	s FILTER, LOW PASS (SMD)
FL502	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL503	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL600	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL601	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1900	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1901	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1902	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1903	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1904	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1905	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1906	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
FL1907	1-117-193-11	s CAPACITOR,3 TERMINAL 1.5MF/50V
IC1	8-759-054-61	s IC CLC505AJE
IC2	8-759-054-61	s IC CLC505AJE
IC3	8-759-054-61	s IC CLC505AJE
IC4	8-759-054-61	s IC CLC505AJE
IC5	8-759-054-61	s IC CLC505AJE
IC6	8-759-054-61	s IC CLC505AJE
IC7	8-759-054-61	s IC CLC505AJE
IC8	8-759-082-61	s IC TC4W53FU
IC9	8-759-082-61	s IC TC4W53FU
IC10	8-759-327-01	s IC NJM062V-TE2

(VPR-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC11	8-759-082-61	s IC	TC4W53FU
IC12	8-759-327-01	s IC	NJM062V-TE2
IC13	8-759-327-01	s IC	NJM062V-TE2
IC14	8-759-327-01	s IC	NJM062V-TE2
IC15	8-759-327-01	s IC	NJM062V-TE2
IC16	8-759-327-01	s IC	NJM062V-TE2
IC17	8-759-475-64	s IC	SPT7860SCT-T
IC18	8-759-475-64	s IC	SPT7860SCT-T
IC19	8-759-475-64	s IC	SPT7860SCT-T
IC20	8-759-475-64	s IC	SPT7860SCT-T
IC21	8-759-421-88	s IC	SN74LVC821APW (E05)
IC22	8-759-421-88	s IC	SN74LVC821APW (E05)
IC23	8-759-421-88	s IC	SN74LVC821APW (E05)
IC24	8-759-421-88	s IC	SN74LVC821APW (E05)
IC25	8-759-421-88	s IC	SN74LVC821APW (E05)
IC26	8-759-421-88	s IC	SN74LVC821APW (E05)
IC27	8-759-421-88	s IC	SN74LVC821APW (E05)
IC28	8-759-421-88	s IC	SN74LVC821APW (E05)
IC200	8-759-491-51	s IC	TC74VHCT245AFT(EL)
IC201	8-759-491-55	s IC	TC74VHCT74AFT(EL)
IC202	8-759-523-95	s IC	TC74VHC74FT(EL)
IC203	8-759-472-67	s IC	74VHCT574MTCX
IC204	8-759-472-67	s IC	74VHCT574MTCX
IC205	8-759-058-54	s IC	TC7S00FU-TE85R
IC206	8-759-472-67	s IC	74VHCT574MTCX
IC207	8-759-472-67	s IC	74VHCT574MTCX
IC208	8-759-472-67	s IC	74VHCT574MTCX
IC209	8-759-472-67	s IC	74VHCT574MTCX
IC210	8-759-485-82	s IC	MC34182DR2
IC211	8-759-485-82	s IC	MC34182DR2
IC212	8-759-491-45	s IC	TC74VHCT00AFT(EL)
IC213	8-759-491-47	s IC	TC74VHCT08FT (EL)
IC214	8-752-339-46	s IC	CXD1177Q
IC215	8-752-375-98	s IC	CXD2315Q
IC216	8-759-327-01	s IC	NJM062V-TE2
IC217	8-759-327-01	s IC	NJM062V-TE2
IC218	8-759-327-01	s IC	NJM062V-TE2
IC219	8-759-054-61	s IC	CLC505AJE
IC220	8-759-054-61	s IC	CLC505AJE
IC221	8-759-054-61	s IC	CLC505AJE
IC222	8-759-491-47	s IC	TC74VHCT08FT (EL)
IC223	8-759-082-61	s IC	TC4W53FU
IC224	8-759-082-61	s IC	TC4W53FU
IC225	8-759-082-61	s IC	TC4W53FU
IC226	8-752-061-02	s IC	CXA1450M
IC227	8-752-061-02	s IC	CXA1450M
IC228	8-752-061-02	s IC	CXA1450M
IC229	8-752-061-02	s IC	CXA1450M
IC232	8-759-054-61	s IC	CLC505AJE
IC233	8-759-054-61	s IC	CLC505AJE
IC234	8-759-054-61	s IC	CLC505AJE
IC235	8-759-054-61	s IC	CLC505AJE
IC400	8-759-523-95	s IC	TC74VHC74FT(EL)
IC401	8-759-491-45	s IC	TC74VHCT00AFT(EL)
IC402	8-759-252-21	s IC	EL2244CS
IC403	8-759-485-82	s IC	MC34182DR2
IC404	8-759-523-81	s IC	TC74VHC08FT(EL)
IC405	8-759-987-27	s IC	LM1881M
IC406	8-759-528-99	s IC	TC74VHC221AFT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC407	8-759-082-61	s IC	TC4W53FU
IC408	8-759-389-33	s IC	74LCX244MTCX
IC409	8-759-978-96	s IC	SN75207BNS
IC410	8-759-528-99	s IC	TC74VHC221AFT(EL)
IC411	8-759-473-94	s IC	CXD9013AR
IC412	8-759-049-79	s IC	SN74HC245APWR
IC413	8-759-523-04	s IC	TC74HC4538AFT
IC414	8-759-491-51	s IC	TC74VHCT245AFT(EL)
IC415	8-759-234-20	s IC	TC7S08F
IC416	8-759-430-21	s IC	MSM6524GS-KR1
IC417	8-759-031-84	s IC	SC7S04F
IC418	8-759-389-32	s IC	74LCX240MTCX
IC419	8-759-547-49	s IC	CDC509PWR
IC420	8-759-547-49	s IC	CDC509PWR
IC421	8-759-547-49	s IC	CDC509PWR
IC422	8-759-485-82	s IC	MC34182DR2
IC423	8-759-485-82	s IC	MC34182DR2
IC424	8-759-475-33	s IC	TC74LCX00FT(EL)
IC425	8-759-475-33	s IC	TC74LCX00FT(EL)
IC426	8-759-466-55	s IC	74LCX74MTCX
IC500	8-759-456-26	s IC	74LCX541MTCX
IC501	8-752-356-44	s IC	CXD2306Q
IC503	8-759-252-21	s IC	EL2244CS
IC505	8-752-052-82	s IC	CXA1432M
IC506	8-759-252-21	s IC	EL2244CS
IC507	8-759-173-16	s IC	TL062CPW
IC509	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC510	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC511	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC512	8-729-024-50	s TRANSISTOR	SI9936DY
IC513	8-729-040-75	s TRANSISTOR	SI4953DY
IC514	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC515	8-759-491-46	s IC	TC74VHCT04AFT (EL)
IC601	8-759-471-91	s IC	74VHC04MTCX
IC602	8-759-389-32	s IC	74LCX240MTCX
IC603	8-759-389-31	s IC	74LCX125MTCX
IC604	8-759-049-55	s IC	SN74HC00APW (E20)
IC605	8-759-389-48	s IC	74LCX16374MTDX
IC606	8-759-389-48	s IC	74LCX16374MTDX
IC607	8-759-389-48	s IC	74LCX16374MTDX
IC608	8-759-389-48	s IC	74LCX16374MTDX
IC609	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC610	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC611	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC612	8-729-045-28	s TRANSISTOR	SI4532DY-T1
IC700	8-759-389-48	s IC	74LCX16374MTDX
IC701	8-759-389-48	s IC	74LCX16374MTDX
IC702	8-759-389-32	s IC	74LCX240MTCX
IC703	8-759-492-32	s IC	CXD9014BR
IC704	8-759-386-27	s IC	74LCX04MTCX
IC705	8-759-386-26	s IC	74LCX574MTCX
IC706	8-759-421-88	s IC	SN74LVC821APW (E05)
IC800	8-759-386-26	s IC	74LCX574MTCX
IC801	8-759-421-88	s IC	SN74LVC821APW (E05)
IC802	8-759-492-32	s IC	CXD9014BR
IC902	8-759-389-48	s IC	74LCX16374MTDX
IC903	8-759-389-48	s IC	74LCX16374MTDX
IC1000	8-759-386-27	s IC	74LCX04MTCX
IC1001	8-759-651-59	s IC	SN74CBTLV3245APWR

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Ref. No. or Q'ty	Part No.	SP	Description
IC1002	8-759-651-59	s	IC SN74CBTLV3245APWR
IC1004	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC1005	8-759-461-39	s	IC MB90091A-120
IC1006	8-759-549-15	s	IC SN74LV245APWR
IC1100	8-759-389-26	s	IC 74LCX08MTCX
IC1101	8-759-524-52	s	IC TC74VHC574FT(EL)
IC1102	8-759-546-79	s	IC 74LCX138MTCX
IC1103	8-759-549-15	s	IC SN74LV245APWR
IC1104	8-759-389-31	s	IC 74LCX125MTCX
IC1105	8-759-389-26	s	IC 74LCX08MTCX
IC1106	8-759-386-27	s	IC 74LCX04MTCX
IC1108	8-759-482-59	s	IC CXD8591AQ
IC1109	8-759-482-59	s	IC CXD8591AQ
IC1200	8-759-389-33	s	IC 74LCX244MTCX
IC1201	8-759-389-33	s	IC 74LCX244MTCX
IC1202	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC1203	8-759-491-50	s	IC TC74VHCT244AFT(EL)
IC1204	8-759-523-81	s	IC TC74VHC08FT(EL)
IC1205	8-752-378-49	s	IC CXD206-123R
IC1206	8-759-422-80	s	IC MM47V77ST1
IC1207	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC1208	8-759-523-95	s	IC TC74VHC74FT(EL)
IC1300	8-759-482-59	s	IC CXD8591AQ
IC1301	8-759-482-59	s	IC CXD8591AQ
IC1302	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC1303	8-759-482-59	s	IC CXD8591AQ
IC1304	8-759-482-59	s	IC CXD8591AQ
IC1305	8-759-389-26	s	IC 74LCX08MTCX
IC1306	8-759-491-51	s	IC TC74VHCT245AFT(EL)
IC1307	8-759-466-57	s	IC 74LCX157MTCX
IC1308	8-759-389-26	s	IC 74LCX08MTCX
IC1400	8-759-082-61	s	IC TC4W53FU
IC1401	8-759-252-21	s	IC EL2244CS
IC1402	8-759-987-27	s	IC LM1881M
IC1403	8-759-987-27	s	IC LM1881M
IC1404	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC1405	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC1406	8-759-523-95	s	IC TC74VHC74FT(EL)
IC1407	8-759-978-96	s	IC SN75207BNS
IC1408	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC1409	8-759-485-82	s	IC MC34182DR2
IC1410	8-759-523-81	s	IC TC74VHC08FT(EL)
IC1411	8-759-184-64	s	IC TC4W66FU
IC1412	8-759-702-08	s	IC NJM360M
IC1413	8-759-702-08	s	IC NJM360M
IC1500	8-759-473-94	s	IC CXD9013AR
IC1501	8-759-547-50	s	IC CDC516DGGR
IC1502	8-759-547-49	s	IC CDC509PWR
IC1503	8-759-491-45	s	IC TC74VHCT00AFT(EL)
IC1504	8-759-485-82	s	IC MC34182DR2
IC1505	8-759-485-82	s	IC MC34182DR2
IC1506	8-759-082-61	s	IC TC4W53FU
IC1507	8-759-389-33	s	IC 74LCX244MTCX
IC1508	8-759-389-33	s	IC 74LCX244MTCX
IC1509	8-759-389-32	s	IC 74LCX240MTCX
IC1600	8-759-456-26	s	IC 74LCX541MTCX
IC1601	8-759-456-26	s	IC 74LCX541MTCX
IC1602	8-759-466-55	s	IC 74LCX74MTCX
IC1603	8-759-386-27	s	IC 74LCX04MTCX

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Ref. No. or Q'ty	Part No.	SP	Description
IC1604	8-759-456-26	s	IC 74LCX541MTCX
IC1605	8-759-456-26	s	IC 74LCX541MTCX
IC1606	8-759-524-19	s	IC TC74VHC164FT(EL)
IC1607	8-759-524-19	s	IC TC74VHC164FT(EL)
IC1608	8-759-466-55	s	IC 74LCX74MTCX
IC1609	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC1610	8-759-456-26	s	IC 74LCX541MTCX
IC1611	8-759-456-26	s	IC 74LCX541MTCX
IC1700	8-759-549-15	s	IC SN74LV245APWR
IC1701	8-759-549-15	s	IC SN74LV245APWR
IC1702	8-759-549-15	s	IC SN74LV245APWR
IC1703	8-759-549-15	s	IC SN74LV245APWR
IC1704	8-759-549-15	s	IC SN74LV245APWR
IC1705	8-759-549-15	s	IC SN74LV245APWR
IC1706	8-759-549-15	s	IC SN74LV245APWR
IC1707	8-759-348-79	s	IC TE7751
IC1708	8-759-524-50	s	IC TC74VHC541FT(EL)
IC1709	8-759-524-50	s	IC TC74VHC541FT(EL)
IC1710	8-759-075-53	s	IC LM35DM
IC1711	8-759-549-15	s	IC SN74LV245APWR
IC1713	8-759-542-84	s	IC S-80821ANUP-EDJ-T2
IC1714	8-759-549-15	s	IC SN74LV245APWR
IC1800	8-759-549-15	s	IC SN74LV245APWR
IC1801	8-759-549-15	s	IC SN74LV245APWR
IC1802	8-759-549-15	s	IC SN74LV245APWR
IC1803	8-759-549-15	s	IC SN74LV245APWR
IC1804	8-759-549-15	s	IC SN74LV245APWR
IC1805	8-759-549-15	s	IC SN74LV245APWR
IC1806	8-759-549-15	s	IC SN74LV245APWR
IC1807	8-759-549-15	s	IC SN74LV245APWR
IC1808	8-759-545-23	s	IC ISPLSI2128V-80LT100
IC1809	8-759-549-15	s	IC SN74LV245APWR
IC1900	8-729-024-50	s	TRANSISTOR SI9936DY
IC1901	8-729-024-50	s	TRANSISTOR SI9936DY
IC1902	8-729-024-50	s	TRANSISTOR SI9936DY
IC1903	8-729-024-50	s	TRANSISTOR SI9936DY
IC1904	8-729-024-50	s	TRANSISTOR SI9936DY
IC1905	8-729-024-50	s	TRANSISTOR SI9936DY
IC1906	8-729-024-50	s	TRANSISTOR SI9936DY
IC1907	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC1908	8-729-040-75	s	TRANSISTOR SI4953DY
IC1909	8-729-045-28	s	TRANSISTOR SI4532DY-T1
IC1910	8-729-045-28	s	TRANSISTOR SI4532DY-T1
IC1911	8-729-045-28	s	TRANSISTOR SI4532DY-T1
IC1912	8-729-045-28	s	TRANSISTOR SI4532DY-T1
IC1913	8-729-045-28	s	TRANSISTOR SI4532DY-T1
IC1914	8-729-040-75	s	TRANSISTOR SI4953DY
L1	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L2	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L3	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L4	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L5	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L6	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L7	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L8	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L200	1-412-060-11	s	INDUCTOR, SMALL TYPE 22 10%
L201	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
L202	1-412-058-11	s	INDUCTOR, SMALL TYPE 10UH
L203	1-412-058-11	s	INDUCTOR, SMALL TYPE 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L400	1-410-377-31	s	INDUCTOR,CHIP 4.7UH (3225)
L401	1-412-060-11	s	INDUCTOR,SMALL TYPE 22 10%
L600	1-424-643-11	s	COIL,CHOKE (OPEN)
L601	1-424-643-11	s	COIL,CHOKE (OPEN)
L1400	1-410-393-11	s	CHIP INDUCTOR 100UH (3225)
L1401	1-410-377-31	s	INDUCTOR,CHIP 4.7UH (3225)
L1402	1-410-385-11	s	CHIP INDUCTOR 22UH (3225)
L1403	1-410-391-11	s	CHIP INDUCTOR 68UH (3225)
Q1	8-729-117-32	s	TRANSISTOR 2SC4177
Q2	8-729-117-32	s	TRANSISTOR 2SC4177
Q3	8-729-117-32	s	TRANSISTOR 2SC4177
Q200	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q201	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q400	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q401	8-729-117-32	s	TRANSISTOR 2SC4177
Q402	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q500	8-729-820-86	s	TRANSISTOR 2SB1121-ST
Q501	8-729-120-21	s	TRANSISTOR 2SD1614-T1XL
Q502	8-729-117-32	s	TRANSISTOR 2SC4177
Q503	8-729-117-16	s	TRANSISTOR 2SA1611M6
Q504	8-729-928-27	s	TRANSISTOR DTA144EE
Q505	8-729-928-27	s	TRANSISTOR DTA144EE
Q506	8-729-928-27	s	TRANSISTOR DTA144EE
Q510	8-729-928-81	s	TRANSISTOR DTC144EE
Q511	8-729-928-27	s	TRANSISTOR DTA144EE
Q600	8-729-928-27	s	TRANSISTOR DTA144EE
Q601	8-729-928-27	s	TRANSISTOR DTA144EE
Q602	8-729-928-27	s	TRANSISTOR DTA144EE
Q603	8-729-928-27	s	TRANSISTOR DTA144EE
Q604	8-729-928-27	s	TRANSISTOR DTA144EE
Q605	8-729-928-27	s	TRANSISTOR DTA144EE
Q606	8-729-928-81	s	TRANSISTOR DTC144EE
Q607	8-729-928-81	s	TRANSISTOR DTC144EE
Q1400	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1401	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1402	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q1403	8-729-117-32	s	TRANSISTOR 2SC4177
Q1404	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q1405	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q1406	8-729-117-32	s	TRANSISTOR 2SC4177
Q1407	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q1408	8-729-117-32	s	TRANSISTOR 2SC4177
Q1900	8-729-928-81	s	TRANSISTOR DTC144EE
Q1901	8-729-928-81	s	TRANSISTOR DTC144EE
Q1902	8-729-928-81	s	TRANSISTOR DTC144EE
Q1903	8-729-928-81	s	TRANSISTOR DTC144EE
Q1904	8-729-928-81	s	TRANSISTOR DTC144EE
Q1905	8-729-928-81	s	TRANSISTOR DTC144EE
Q1906	8-729-928-81	s	TRANSISTOR DTC144EE
Q1907	8-729-928-27	s	TRANSISTOR DTA144EE
Q1908	8-729-928-27	s	TRANSISTOR DTA144EE
Q1909	8-729-928-27	s	TRANSISTOR DTA144EE
Q1910	8-729-928-27	s	TRANSISTOR DTA144EE
Q1911	8-729-928-27	s	TRANSISTOR DTA144EE
R1	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R2	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R3	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R5	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R6	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R7	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R8	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R11	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R12	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R16	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R17	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R18	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R19	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R20	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R23	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R24	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R25	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R26	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R27	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R28	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R29	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R30	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R31	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R34	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R35	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R36	1-218-736-11	s	RESISTOR,CHIP 68K 1/16W(1608)
R37	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R38	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R39	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R43	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R44	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R45	1-218-679-91	s	RES,METALFILM CHIP 300
R46	1-218-679-91	s	RES,METALFILM CHIP 300
R47	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R48	1-218-679-91	s	RES,METALFILM CHIP 300
R49	1-218-679-91	s	RES,METALFILM CHIP 300
R50	1-218-679-91	s	RES,METALFILM CHIP 300
R51	1-218-679-91	s	RES,METALFILM CHIP 300
R52	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R53	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R54	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R58	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R59	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R60	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R61	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R62	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R63	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R64	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R65	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R66	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R67	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R68	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R69	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R71	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R72	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R73	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R76	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R77	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R78	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R79	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R80	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R81	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R82	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP Description
R83	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R84	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R85	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R86	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R87	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R88	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R89	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R90	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R94	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R95	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R96	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R97	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R98	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R99	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R100	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R101	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R102	1-218-718-11	s RESISTOR CHIP 12K 1/16W (1608)
R103	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R104	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R105	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R106	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R107	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R108	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R109	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R110	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R111	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R112	1-218-688-11	s RESISTOR,CHIP 680 1/16W(1608)
R113	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R114	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R115	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R116	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R117	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R118	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R119	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R120	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R121	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R122	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R123	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R124	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R125	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R126	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R127	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R128	1-218-652-11	s RESISTOR,CHIP 22 1/16W (1608)
R129	1-218-676-11	s RESISTOR,CHIP 220 1/16W(1608)
R130	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R131	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R132	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R133	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R134	1-218-690-11	s RESISTOR CHIP 820 1/16W (1608)
R135	1-218-661-11	s RESISTOR,CHIP 51 1/16W (1608)
R137	1-218-694-11	s RESISTOR CHIP 1.2K1/16W(1608)
R138	1-218-694-11	s RESISTOR CHIP 1.2K1/16W(1608)
R140	1-218-736-11	s RESISTOR,CHIP 68K 1/16W(1608)
R141	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R143	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R144	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R145	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R201	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R202	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R203	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R204	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R207	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R208	1-218-728-11	s RESISTOR,METAL 33K 1/16W
R209	1-218-703-11	s RESISTOR,METAL 3.0K 1/16W (1608)
R210	1-218-675-11	s RESISTOR,CHIP 200 1/16W (1608)
R211	1-218-728-11	s RESISTOR,METAL 33K 1/16W
R213	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R216	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R220	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R221	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R222	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R223	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R224	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R225	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R226	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R227	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R228	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R229	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R231	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R232	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R235	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R236	1-218-668-11	s RESISTOR,CHIP 100 1/16W (1608)
R237	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R238	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R239	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R240	1-218-662-11	s RESISTOR CHIP 56 1/16W (1608)
R243	1-218-688-11	s RESISTOR,CHIP 680 1/16W(1608)
R244	1-218-684-11	s RESISTOR CHIP 470 1/16W (1608)
R245	1-218-702-11	s RESISTOR CHIP 2.7K 1/16W(1608)
R246	1-218-704-11	s RESISTOR,CHIP 3.3K 1/16W(1608)
R247	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R248	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R249	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R251	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R252	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R253	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R254	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R255	1-218-703-11	s RESISTOR,METAL 3.0K 1/16W (1608)
R256	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R257	1-218-709-11	s RESISTOR,METAL 5.1K 1/16W
R258	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R259	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R260	1-216-864-11	s RESISTOR,CHIP 0 1/16W (1608)
R261	1-218-716-11	s RESISTOR,CHIP 10K 1/16W(1608)
R263	1-218-720-11	s RESISTOR,CHIP 15K 1/16W(1608)
R266	1-218-675-11	s RESISTOR,CHIP 200 1/16W (1608)
R267	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R268	1-218-680-11	s RESISTOR,CHIP 330 1/16W(1608)
R269	1-218-738-11	s RESISTOR,CHIP 82K 1/16W(1608)
R270	1-218-675-11	s RESISTOR,CHIP 200 1/16W (1608)
R271	1-218-671-11	s RESISTOR,CHIP 130 1/16W (1608)
R272	1-218-671-11	s RESISTOR,CHIP 130 1/16W (1608)
R274	1-218-671-11	s RESISTOR,CHIP 130 1/16W (1608)
R275	1-218-696-11	s RESISTOR CHIP 1.5K 1/16W(1608)
R276	1-218-700-11	s RESISTOR,CHIP 2.2K 1/16W(1608)
R280	1-218-714-11	s RESISTOR,CHIP 8.2K 1/16W(1608)
R281	1-218-714-11	s RESISTOR,CHIP 8.2K 1/16W(1608)
R283	1-218-692-11	s RESISTOR,CHIP 1.0K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R284	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R285	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R286	1-218-726-11	s	RESISTOR,CHIP 27K 1/16W (1608)
R287	1-218-726-11	s	RESISTOR,CHIP 27K 1/16W (1608)
R288	1-218-726-11	s	RESISTOR,CHIP 27K 1/16W (1608)
R289	1-218-702-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R290	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R291	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R292	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R293	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R294	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R295	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R296	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R297	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R298	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R299	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R300	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R301	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R302	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R303	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R304	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R305	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R306	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R307	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R308	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R309	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R310	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R311	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R314	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R315	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R316	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R318	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R319	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R320	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R322	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R323	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R324	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R340	1-218-674-11	s	RESISTOR,CHIP 180 1/16W (1608)
R341	1-218-674-11	s	RESISTOR,CHIP 180 1/16W (1608)
R342	1-218-674-11	s	RESISTOR,CHIP 180 1/16W (1608)
R343	1-218-674-11	s	RESISTOR,CHIP 180 1/16W (1608)
R344	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R346	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R348	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R350	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R352	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R353	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R354	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R355	1-218-693-11	s	RESISTOR,CHIP 1.1K 1/16W(1608)
R356	1-218-730-11	s	RESISTOR,METAL FILM CHIP 39K
R357	1-218-730-11	s	RESISTOR,METAL FILM CHIP 39K
R358	1-218-730-11	s	RESISTOR,METAL FILM CHIP 39K
R359	1-218-730-11	s	RESISTOR,METAL FILM CHIP 39K
R360	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R361	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R362	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R363	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R364	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R365	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R366	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R367	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R380	1-218-685-11	s	RESISTOR,CHIP 510 1/16W (1608)
R381	1-218-685-11	s	RESISTOR,CHIP 510 1/16W (1608)
R382	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R383	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R384	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R385	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R386	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R387	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608)
R388	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R389	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R390	1-218-718-11	s	RESISTOR,CHIP 12K 1/16W (1608)
R391	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R392	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R393	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R394	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R395	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R396	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R397	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R398	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R399	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608
R400	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R401	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R402	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R403	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R404	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R405	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R406	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R407	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R408	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R409	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R410	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R411	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R412	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R413	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R414	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R415	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R416	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R417	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R418	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R419	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R420	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R421	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R422	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R423	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R424	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R425	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R426	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R427	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R428	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R429	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R430	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R431	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R432	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R433	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R434	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R435	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R436	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

(VPR-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R503	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R504	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R505	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R506	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R507	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R509	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R510	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R511	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R512	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R513	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R514	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R515	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R516	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R517	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R518	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R519	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R520	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R521	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R522	1-218-718-11	s	RESISTOR,CHIP 12K 1/16W (1608)
R523	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R524	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R525	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R526	1-218-701-11	s	RESISTOR,CHIP 2.4K 1/16W(1608)
R527	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R528	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R529	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R530	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R531	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R532	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R533	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R534	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R536	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R537	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R538	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R539	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R540	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R541	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R542	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R543	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608)
R544	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R600	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R601	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R602	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R604	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R609	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R610	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R611	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R612	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R613	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R614	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R615	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R616	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R617	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R618	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R619	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R620	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R621	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R622	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R623	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)

(VPR-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
RB1714	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1715	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1716	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1717	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1800	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1801	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1802	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1803	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1804	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1805	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1806	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1807	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1808	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1809	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1810	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1811	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1812	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1813	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1814	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1815	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1816	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1817	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1818	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1819	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1820	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1821	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1822	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB1823	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1824	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB1825	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1826	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB1827	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1828	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1829	1-239-409-11	s	RESISTOR NETWORK 47	(1608)
RB1830	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB1831	1-236-907-11	s	RESISTOR BLOCK 100K	(1608)
RB2000	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2001	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2002	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2003	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2004	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2005	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2006	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2007	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2008	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2009	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2010	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2011	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2012	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2013	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RB2014	1-239-711-11	s	NETWORK, RESISTOR 0	(1608)
RV2	1-237-033-11	s	RESISTOR, ADJ, CERMET 1K	
RV5	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV6	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV7	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV8	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV9	1-237-034-11	s	RESISTOR, ADJ, CERMET 2K	
RV10	1-237-034-11	s	RESISTOR, ADJ, CERMET 2K	
RV11	1-237-032-11	s	RESISTOR, ADJ, CERMET 500	

(VPR-53 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
RV202	1-237-035-11	s	RESISTOR, ADJ, CERMET 5K	
RV203	1-237-035-11	s	RESISTOR, ADJ, CERMET 5K	
RV204	1-237-035-11	s	RESISTOR, ADJ, CERMET 5K	
RV205	1-237-034-11	s	RESISTOR, ADJ, CERMET 2K	
RV206	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV207	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV208	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV209	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV210	1-237-031-11	s	RESISTOR, ADJ, CERMET 200	
RV211	1-237-032-11	s	RESISTOR, ADJ, CERMET 500	
RV500	1-237-036-11	s	RESISTOR, ADJ, CERMET 10K	
X400	1-781-417-11	s	OSCILLATOR, CRYSTAL	
X401	1-781-418-11	s	OSCILLATOR, CRYSTAL	
X1500	1-781-417-11	s	OSCILLATOR, CRYSTAL	
X1502	1-781-418-11	s	OSCILLATOR, CRYSTAL	
X1503	1-767-695-21	s	OSCILLATOR, CRYSTAL	
X1504	1-767-694-11	s	OSCILLATOR, CRYSTAL	
X1505	1-781-496-11	s	OSCILLATOR, CRYSTAL	

VR-194 BOARD

Ref. No. or Q'ty	Part No.	SP	Description	
1pc	1-657-808-11	o	PRINTED WIRING BOARD, VR-194	
CN1	1-566-758-11	o	PIN, CONNECTOR 3P	
CN2	1-566-758-11	o	PIN, CONNECTOR 3P	
CN3	1-566-758-11	o	PIN, CONNECTOR 3P	
CN4	1-566-758-11	o	PIN, CONNECTOR 3P	
CN558	1-569-762-11	s	CONNECTOR, BOARD TO BOARD 20P	
R1	1-216-672-11	s	RESISTOR, CHIP 7.5K 1/10W(2012)	
R2	1-216-661-11	s	RESISTOR, CHIP 2.7K 1/10W(2012)	
R3	1-216-687-11	s	RESISTOR, CHIP 33K 1/10W(2012)	
R4	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)	
R5	1-216-672-11	s	RESISTOR, CHIP 7.5K 1/10W(2012)	
R6	1-216-661-11	s	RESISTOR, CHIP 2.7K 1/10W(2012)	
R7	1-216-687-11	s	RESISTOR, CHIP 33K 1/10W(2012)	
R8	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)	
R9	1-216-672-11	s	RESISTOR, CHIP 7.5K 1/10W(2012)	
R10	1-216-661-11	s	RESISTOR, CHIP 2.7K 1/10W(2012)	
R11	1-216-687-11	s	RESISTOR, CHIP 33K 1/10W(2012)	
R12	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)	
R13	1-216-672-11	s	RESISTOR, CHIP 7.5K 1/10W(2012)	
R14	1-216-661-11	s	RESISTOR, CHIP 2.7K 1/10W(2012)	
R15	1-216-687-11	s	RESISTOR, CHIP 33K 1/10W(2012)	
R16	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)	
SW1	1-570-863-11	s	SWITCH, SLIDE (1-1-2)	
SW2	1-570-863-11	s	SWITCH, SLIDE (1-1-2)	
SW3	1-570-863-11	s	SWITCH, SLIDE (1-1-2)	
SW4	1-570-863-11	s	SWITCH, SLIDE (1-1-2)	

VR-206 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-657-809-11	o PRINTED WIRING BOARD, VR-206
3pcs	1-565-977-11	s TERMINAL, SOLDERLESS
1pc	1-569-618-11	o HOUSING, CONNECTOR 3P
1pc	1-955-097-11	o HARNESS, SUB (VR-VR)
RV1	1-237-790-11	s RESISTOR, VAR, CARBON 10K

VR-254 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-673-089-11	o PRINTED WIRING BOARD, VR-254
6pcs	1-565-977-11	s TERMINAL, SOLDERLESS
1pc	1-565-978-11	o HOUSING, CONNCETOR 6P
RV1	1-241-577-11	s VAR, CARBON 20K/20K

2-4. Frame List

FRAME

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-690-131-11	s CORD, CONNECTION (FLAT TYPE)
1pc	1-790-715-11	s CABLE ASSY, COAXIAL
1pc	1-790-716-11	s CABLE ASSY, COAXIAL
1pc	1-810-573-11	s SENSOR, DEW CONDENSATION
1pc	1-959-696-11	o HARNESS, SUB (J2)

CB1001 Δ 1-533-951-11 s BREAKER

(To CC-82 board)

CN1001	1-561-336-00	s CONNECTOR, COAXIAL
CN1003	1-561-336-00	s CONNECTOR, COAXIAL
CN1004	1-561-336-00	s CONNECTOR, COAXIAL
CN1014	1-561-336-00	s CONNECTOR, COAXIAL
CN1015	1-561-336-00	s CONNECTOR, COAXIAL

(To DC-85 board)

CN1014	1-564-603-11	s CONNECTOR(WITH DC SW) 4P
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H1003	8-825-920-02	s HEAD, AUDIO (EPS244-2103J)
H1004	8-825-770-74	s HEAD, FE(EF291-21)
H1008	8-825-779-72	s CTL HEAD, PS244-21D

J1001	1-507-743-21	s JACK, STEREO MINI
J1002	1-507-863-51	s JACK, LARGE TYPE (6.4)

M1002	8-835-534-01	s MOTOR, DC(SCV-0702A/J-N)
M1003	8-835-441-01	s MOTOR(R432276751A)DC 10W UNDER
M1004	8-835-440-01	s MOTOR(DN20-Q7Z1B) DC 10W UNDER
M1005	8-835-441-01	s MOTOR(R432276751A)DC 10W UNDER
M1006	1-698-335-11	s MOTOR, DC (SVD-1489)

M1007	1-698-987-11	s MOTOR, DC FAN (FLAT TYPE)
M1008	1-763-126-11	s FAN, D.C.
M1009	1-763-126-11	s FAN, D.C.

PM1001	1-454-334-51	s SOLENOID, PLUNGER
PM1002	1-454-334-51	s SOLENOID, PLUNGER
PM1003	1-454-383-31	s SOLENOID, PLUNGER
PM1004	1-454-607-21	s SOLENOID, PLUNGER

2-5. Cable List

CABLE

Ref. No. or Q'ty	Part No.	SP	Description
HN001	-----		HARNESS, SUB (EQ-DR2)
(To CN1/DR-335 board)			
1pc	1-580-585-11	o	HOUSING, CONNECTOR 18P
6pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
12pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
(To CN305/EQ-76 board)			
1pc	1-580-585-11	o	HOUSING, CONNECTOR 18P
6pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
12pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
HN002	1-955-117-11	o	HARNESS, SUB (EQ-DR)
(To CN2/DR-335 board)			
1pc	1-580-582-11	o	HOUSING, CONNECTOR 12P
4pcs	1-573-176-11	o	TERMINAL, SOLDERLESS
8pcs	1-580-599-11	o	TERMINAL, SOLDERLESS
(To CN301/EQ-76 board)			
1pc	1-569-199-11	o	HOUSING, CONNECTOR 6P
2pcs	1-569-191-11	o	TERMINAL, SOLDERLESS
4pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
(To CN303/EQ-76 board)			
1pc	1-569-199-11	o	HOUSING, CONNECTOR 6P
2pcs	1-569-191-11	o	TERMINAL, SOLDERLESS
4pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN003	1-953-436-11	o	HARNESS, SUB (TC9-CP19)
(CN302/EQ-76 board to CN1/SR-56 board)			
HN004	1-959-842-11	o	HARNESS, SUB (SST-FU2)
(To CN452/CC-82 board)			
1pc	1-569-520-11	o	HOUSING, CONNECTOR 10P
8pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN446/FU-76 board)			
1pc	1-565-978-11	o	HOUSING, CONNECTOR 6P
6pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN108/SST-13 board)			
1pc	1-569-520-11	o	HOUSING, CONNECTOR 10P
10pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN115/SST-13 board)			
1pc	1-569-619-11	o	HOUSING, CONNECTOR 4P
4pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN005	-----		HARNESS (CAM-CON2)
(To CN1011/CAMERA connector)			
1pc	1-562-245-11	o	CONNECTOR(RECEPTACLE), 26P
(To CN453/CC-82 board)			
1pc	1-569-621-11	o	HOUSING, CONNECTOR 12P
10pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN402/CP-337 board)			
1pc	1-569-519-11	o	HOUSING, CONNECTOR 7P
6pcs	1-766-387-11	o	TERMINAL, SOLDERLESS
(CN402-pin1, 2, 3, 5, 6 and 7)			
1pc	1-565-977-11	s	TERMINAL, SOLDERLESS
(CN402-pin4)			
(To CN444/FU-76 board)			
1pc	1-562-352-11	s	HOUSING, CONNECTOR 2P
2pcs	1-562-210-11	s	CONTACT, CONNECTOR
(To CN109/SST-13 board)			
1pc	1-569-619-11	o	HOUSING, CONNECTOR 4P
4pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN006	1-959-703-11	o	HARNESS, SUB (DCP-CC)
(CN1/DCP-22 board to CN454/CC-82 board)			
HN008	1-955-104-11	o	HARNESS, SUB (SST-ADA)
(CN554/ADA-44 board to CN111/SST-13 board)			
(CN105/SST-13 board to CN1/CN-1752 board)			

(CABLE)

Ref. No. or Q'ty	Part No.	SP	Description
HN009	1-955-100-11	o	HARNESS, SUB (ADA-CP410)
(To CN551/ADA-44 board)			
1pc	1-569-621-11	o	HOUSING, CONNECTOR 12P
12pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN410/CP-337 board)			
1pc	1-569-621-11	o	HOUSING, CONNECTOR 12P
12pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN010	1-955-101-11	o	HARNESS, SUB (ADA-CP409)
(To CN552/ADA-44 board)			
1pc	1-573-183-11	o	HOUSING, CONNECTOR 13P
12pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN409/CP-337 board)			
1pc	1-573-183-11	o	HOUSING, CONNECTOR 13P
12pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN011	1-955-113-11	o	HARNESS, SUB (ADA-CP411)
(CN553/ADA-44 board to CN411/CP-337 board)			
HN012	1-959-710-11	o	HARNESS, SUB (VPR-CC 2)
(CN451/CC-82 board to CN215/VPR-53 board)			
HN013	1-953-430-11	o	HARNESS, SUB (AIF136-MB36)
(CN456/CC-82 board to CN214/VPR-53 board)			
(CN921/MB-825 board to CN401/CP-337 board)			
HN014	1-959-709-11	o	HARNESS, SUB (VPR-CC 1)
(CN456/CC-82 board to CN214/VPR-53 board)			
HN015	-----		HARNESS, SUB (VPR-PSW)
(To CN609/PSW-68 board)			
1pc	1-569-196-11	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
(To CN212/VPR-53 board)			
1pc	1-569-196-11	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN016	1-959-706-11	o	HARNESS, SUB (VPR-ADA 55)
(CN555/ADA-44 board to CN206/VPR-53 board)			
HN017	1-959-707-11	o	HARNESS, SUB (VPR-ADA 56)
(CN556/ADA-44 board to CN207/VPR-53 board)			
HN018	1-959-708-11	o	HARNESS, SUB (VPR-ADA 59)
(CN559/ADA-44 board to CN208/VPR-53 board)			
HN019	1-955-097-11	o	HARNESS, SUB (VR-VR)
(To CN1, CN2, CN3 or CN4/VR-194 board)			
1pc	1-569-618-11	o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To VR-206 board)			
1pc	1-569-618-11	o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN020	1-959-705-11	o	HARNESS, SUB (SST-CP 2)
2pcs	1-568-523-11	s	HOUSING, CONNECTOR 13P
HN021	1-955-098-11	o	HARNESS, SUB (MB-ADA)
(To CN557/ADA-44 board)			
1pc	1-569-618-11	o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
(To CN914/MB-825 board)			
1pc	1-569-618-11	o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN023	1-955-108-11	o	HARNESS, SUB (FU-CP)
(CN445/FU-76 board to CN2/DC-85 board)			
(CN408/CP-337 board to CN1/DC-85 board)			

(CABLE)

Ref. No. or Q'ty	Part No.	SP	Description
HN024	-----		HARNESS (CP09-DUS)
	(To CN421/CP-337 board)		
1pc	1-569-618-11	o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
	(To CN1/DUS-173 board)		
1pc	1-569-618-11	o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN025	-----		HARNESS, SUB (CP-VR205)
	(To CN407/CP-337 board)		
1pc	1-565-978-11	o	HOUSING, CONNNECTOR 6P
6pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
	(To CN1/VR-205 board)		
1pc	1-565-978-11	o	HOUSING, CONNNECTOR 6P
6pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN026	1-955-094-12	o	HARNESS, SUB (MB-DR1)
	(To CN941/MB-825 board)		
1pc	1-565-979-11	o	HOUSING, CONNECTOR 8P
8pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
	(To CN1/DR-335 board)		
1pc	1-565-979-11	o	HOUSING, CONNECTOR 8P
8pcs	1-565-977-11	s	TERMINAL, SOLDERLESS
HN027	1-955-115-13	o	HARNESS, SUB (SST-DSUB)
	(To CN106/SST-13 board)		
	(To CN1010/REMOTE CONNECTOR)		
HN028	1-959-702-11	o	HARNESS, SUB (SST-REM)
	(CN112/SST-13 board to CN1/CN-1795)		
HN029	1-948-409-11	o	HARNESS (MB44-TTOPA)
	(CN944/MB-825 board to TAPE TOP SENSOR)		
	(CN958/MB-825 board to TAPE END SENSOR)		
	(TAPE TOP SENSOR)		
L1001	1-543-316-21	s	HEAD, SENSING (SMALL TYPE)
	(TAPE END SENSOR)		
L1003	1-543-316-21	s	HEAD, SENSING (SMALL TYPE)
	(To CN944/MB-825 board)		
1pc	1-569-195-21	o	HOUSING, CONNECTOR 2P
2pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CN958/MB-825 board)		
1pc	1-569-195-21	o	HOUSING, CONNECTOR 2P
2pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN030	1-955-119-12	o	HARNESS, SUB (EQ-AH)
	(To CN304/EQ-76 board)		
1pc	1-569-196-31	o	HOUSING, CONNECTOR 3P
2pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CUE HEAD/AH-52 board)		
HN031	1-955-121-11	o	HARNESS, SUB (MB-AH2)
	(To CN947/MB-825 board)		
1pc	1-569-196-41	o	HOUSING, CONNECTOR 3P
2pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To TC HEAD/AH-52 board)		
HN032	1-955-120-11	o	HARNESS, SUB (MB-AH1)
	(To CN948/MB-825 board)		
1pc	1-569-199-11	o	HOUSING, CONNECTOR 6P
4pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To TC ERASE and CUE ERASE HEADS/AH-52 board)		

(CABLE)

Ref. No. or Q'ty	Part No.	SP	Description
HN033	1-955-122-11	o	HARNESS, SUB (MB-FE)
	(To CN956/MB-825 board)		
1pc	1-569-196-21	o	HOUSING, CONNECTOR 3P
1pc	1-569-191-11	o	TERMINAL, SOLDERLESS
2pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To FULL ERASE HEAD)		
HN034	-----		HARNESS, SUB (MB54-TR)
	(To CN954/MB-825 board)		
4pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CN1/TR-57 board)		
1pc	1-562-737-11	o	HOUSING, CONNECTOR 4P
4pcs	1-564-831-11	o	CONNECTOR CONTACT
HN035	1-948-405-12	o	HARNESS (MB56-CTL)
	(To CN1/CTL head)		
1pc	1-562-735-11	s	HOUSING, CONNECTOR 2P
2pcs	1-564-831-11	o	CONNECTOR CONTACT
	(To CN955/MB-825 board)		
1pc	1-569-196-11	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN036	-----		HARNESS (MB57-CS)
	(To CN957/MB-825 board)		
7pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CN1/CS-26 board)		
7pcs	1-564-831-11	o	CONNECTOR CONTACT
HN037	1-948-401-12	s	HARNESS (CS25-26)
	(To CN954/MB-825 board)		
1pc	1-569-196-11	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CN1/TR-57 board)		
1pc	1-569-196-11	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN038	1-955-105-11	o	HARNESS, SUB (SST-SE)
	(CN101/SST-13 board to CN1/SE-510 board)		
HN039	1-955-124-11	o	HARNESS, SUB (SST-DET15)
	(To CN113/SST-13 board)		
1pc	1-569-196-41	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CN1/DET-15 board)		
1pc	1-569-196-41	o	HOUSING, CONNECTOR 3P
3pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN040	1-955-123-11	o	HARNESS, SUB (SST-DET26)
	(To CN102/SST-13 board)		
1pc	1-569-197-11	o	HOUSING, CONNECTOR 4P
4pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
	(To CN1/DET-36 board)		
1pc	1-569-197-11	o	HOUSING, CONNECTOR 4P
4pcs	1-569-193-11	o	TERMINAL, SOLDERLESS
HN041	1-953-435-11	o	HARNESS, SUB (CAP-HN14)
	(CN107/SST-13 board to CN1/CAPSTAN MOTOR)		
HN042	1-959-843-11	o	HARNESS, SUB (FAN)
	(To CN1000/SST-13 board)		
1pc	1-764-194-11	o	HOUSING, CONNECTOR 4P
4pcs	1-695-215-11	o	TERMINAL, SOLDERLESS
	(To CN1/CN-1926 board)		
1pc	1-764-194-11	o	HOUSING, CONNECTOR 4P
4pcs	1-695-215-11	o	TERMINAL, SOLDERLESS
HN043	1-953-429-11	o	HARNESS, SUB (TC8-CP18)
	(CN104/SST-13 board to CN462/KEY-315 board)		

(CABLE)

Ref. No. or Q'ty	Part No.	SP Description
HN044	1-959-704-11 o	HARNESS, SUB (SST-KEY 3) (To CN103/SST-13 board to CN461/KEY-315 board)
HN045	1-955-095-11 o	HARNESS, SUB (KEY-LCD) (To CN1/AUDIO METER)
1pc	1-569-201-11 o	HOUSING, CONNECTOR 8P
8pcs	1-569-193-11 o	TERMINAL, SOLDERLESS (To CN463/KEY-315 board)
1pc	1-569-520-11 o	HOUSING, CONNECTOR 10P
10pcs	1-565-977-11 s	TERMINAL, SOLDERLESS
HN046	-----	HARNESS, SUB (BREAKER-PSW2) (To CN602/PSW-67 board)
1pc	1-694-565-11 o	TERMINAL, FASTEN (To Cb1001/CIRCUIT BREAKER)
1pc	1-694-566-11 o	TERMINAL, FASTEN (FLAG TYPE)
HN047	1-959-844-12 o	HARNESS, SUB (BATT-CON2) (To CN1/BATTERY CONNECTOR)
1pc	1-766-377-12 s	CONNECTOR, BATTERY (To CN442/FU-76 board)
1pc	1-694-565-11 o	TERMINAL, FASTEN (To CN915/MB-825 board)
1pc	1-569-617-11 o	HOUSING, CONNECTOR 2P
2pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To CN932/MB-825 board)
1pc	1-694-566-11 o	TERMINAL, FASTEN (FLAG TYPE)
HN048	-----	HARNESS, SUB (EXT-DC GND2) (To CN931/MB-825 board)
1pc	1-694-566-11 o	TERMINAL, FASTEN (FLAG TYPE) (To CN1014/EXT DC IN connector)
HN049	-----	HARNESS, SUB (HOT-LINE2) (To CN441/FU-76 board)
1pc	1-694-565-11 o	TERMINAL, FASTEN (To MB-825 board)
1pc	1-801-022-11 s	DISPLAY MODULE, LIQUID CRYSTAL
HN050	1-959-698-12 o	HARNESS, SUB (BRAKER-FU3) (To CN448/FU-76 board)
1pc	1-694-565-11 o	TERMINAL, FASTEN (To CB1001/CIRCUIT BREAKER)
1pc	1-694-566-11 o	TERMINAL, FASTEN (FLAG TYPE)
HN051	1-959-697-12 o	HARNESS, SUB (BRAKER-FU2) (To CN447/FU-76 board)
1pc	1-694-565-11 o	TERMINAL, FASTEN (To CN1014/EXT DC IN connector)
HN052	-----	HARNESS (XLR-(A)) (To CN403/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO IN CH-1 connector)
1pc	1-566-616-11 s	CONNECTOR,XLR (F) (4 GANG)
		(To CN404/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO IN CH-2 connector)
1pc	1-566-616-11 s	CONNECTOR,XLR (F) (4 GANG)
		(To CN405/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO IN CH-3 connector)
1pc	1-566-616-11 s	CONNECTOR,XLR (F) (4 GANG)

(CABLE)

Ref. No. or Q'ty	Part No.	SP Description
		(To CN406/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO IN CH-4 connector)
1pc	1-566-616-11 s	CONNECTOR,XLR (F) (4 GANG)
HN053	-----	HARNESS (XLR-(B)) (To CN414/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO OUT CH-1 connector)
1pc	1-566-617-11 s	CONNECTOR,XLR (M) (4 GANG)
		(To CN415/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO OUT CH-2 connector)
1pc	1-566-617-11 s	CONNECTOR,XLR (M) (4 GANG)
		(To CN416/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO OUT CH-3 connector)
1pc	1-566-617-11 s	CONNECTOR,XLR (M) (4 GANG)
		(To CN417/CP-337 board)
1pc	1-569-618-11 o	HOUSING, CONNECTOR 3P
3pcs	1-565-977-11 s	TERMINAL, SOLDERLESS (To AUDIO OUT CH-4 connector)
1pc	1-566-617-11 s	CONNECTOR,XLR (M) (4 GANG)
HN054	-----	HARNESS (BP-90)
J1003	1-507-905-11 s	JACK, DC

2-6. Packing Materials & Supplied Accessories

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-6772-374-A	s BELT ASSY, SHOULDER (ACRYLIC)
1pc	3-704-296-01	o BAG, POLYETHYLENE

2-7. Optional Fixtures

Part No. SP Description

J-6002-820-A o UPPER DRUM ECCENTRICITY ADJUSTMENT TOOL(3)
 J-6002-830-A o UPPER DRUM ECCENTRICITY ADJUSTMENT TOOL(2)
 J-6031-840-B o MULTI CONNECTOR CABLE (CIBNC)
 J-6080-840-A o SMALL MIRROR
 J-6086-570-A o REFERENCE FLAT PLATE

J-6087-000-A o UPPER DRUM ECCENTRICITY ADJUSTMENT TOOL(5)
 J-6152-450-A o WIRE CLEARANCE GAUGE SET
 J-6321-500-A o DRIVER(TOOL), TG ADJUSTMENT
 J-6322-420-A o TAPE GUIDE ADJUSTMENT DRIVER (45)
 J-6322-420-3 o TG DRIVER SPARE BIT (ACROSS 0.89)

J-6323-530-A o STOP WASHER FASTENING TOOL
 J-6323-890-A o TORQUE CASSETTE (FWD BACKTEN.)
 J-6324-030-A o DRUM ECCENTRICITY GAUGE (7)
 J-6325-110-A o TORQUE SCREWDRIVER'S BIT (FOR M1.4)
 J-6325-380-A o TORQUE SCREWDRIVER'S BIT (FOR M2)

J-6325-400-A o TORQUE SCREWDRIVER'S (FOR 3 KG)
 J-6325-530-A o UPPER DRUM ECCENTRICITY ADJUSTMENT TOOL(6)
 J-6326-120-A o HEXAGON BIT
 J-6326-530-A o CASSETTE REFERENCE PLATE (L)
 J-6326-940-A o S SIDE GAUGE

J-6329-350-A o REEL TABLE HEIGHT GAUGE, MW-935
 J-6421-440-A o EXTENSION HARNESS, AUDIO
 J-6510-400-A o EXTENSION HARNESS, VIDEO
 J-7031-030-A o S-TENSION ARM POSITIONING PIN
 J-7031-040-A o WEIGHT FOR S-TENSION ADJUSTMENT (W76.7)



J-7031-050-A o WEIGHT FOR S-TENSION (W 44)
 J-7031-260-A o MASTER BLOCK (T2)
 J-7031-270-A o MASTER BLOCK (S2)
 J-7031-280-A o S-TEN ADJUSTING TABLE
 J-7031-450-A o END SENSOR POSITIONING TOOL

J-7031-460-A o TORQUE SCREWDRIVER'S HEXAGONAL BIT
 (ACROSS 1.27)

A-8319-485-A o CDS-20 ASSY
 A-8322-838-A o CN-1936 MOUNT

1-772-003-11 o MEMORY CARD (2MB), MB98A81183

7-651-000-10 o SONY GREASE, SGL-601 (50 G)
 7-651-000-11 o SONY GREASE, SGL-801 (50 G)
 7-661-018-18 o MITSUBISHI DIAMOND MACHINE OIL HYDRO
 FLUID NT-68

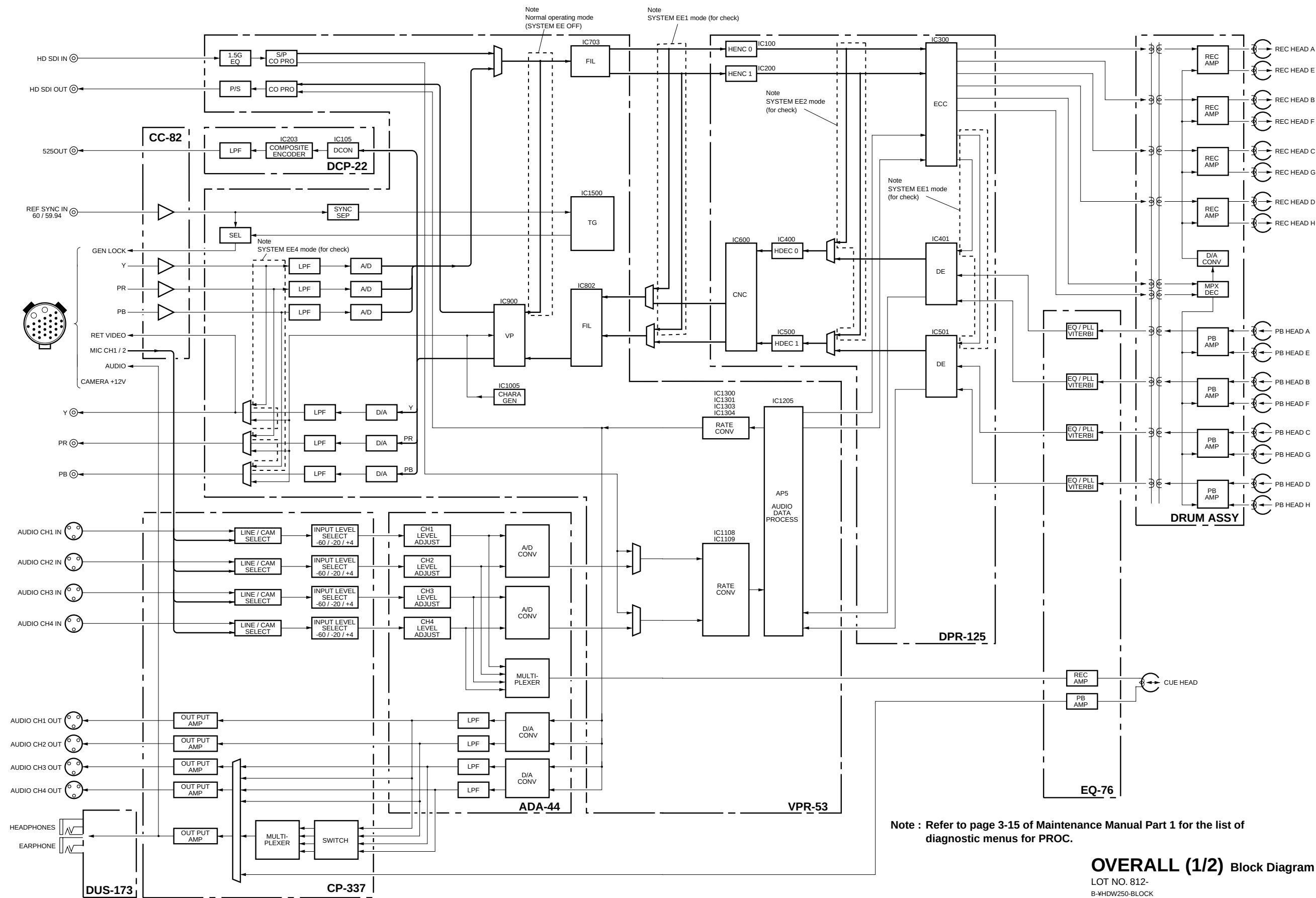
7-700-736-05 o L-SHAPED HEXAGONAL WRENCH (D=1.5mm)

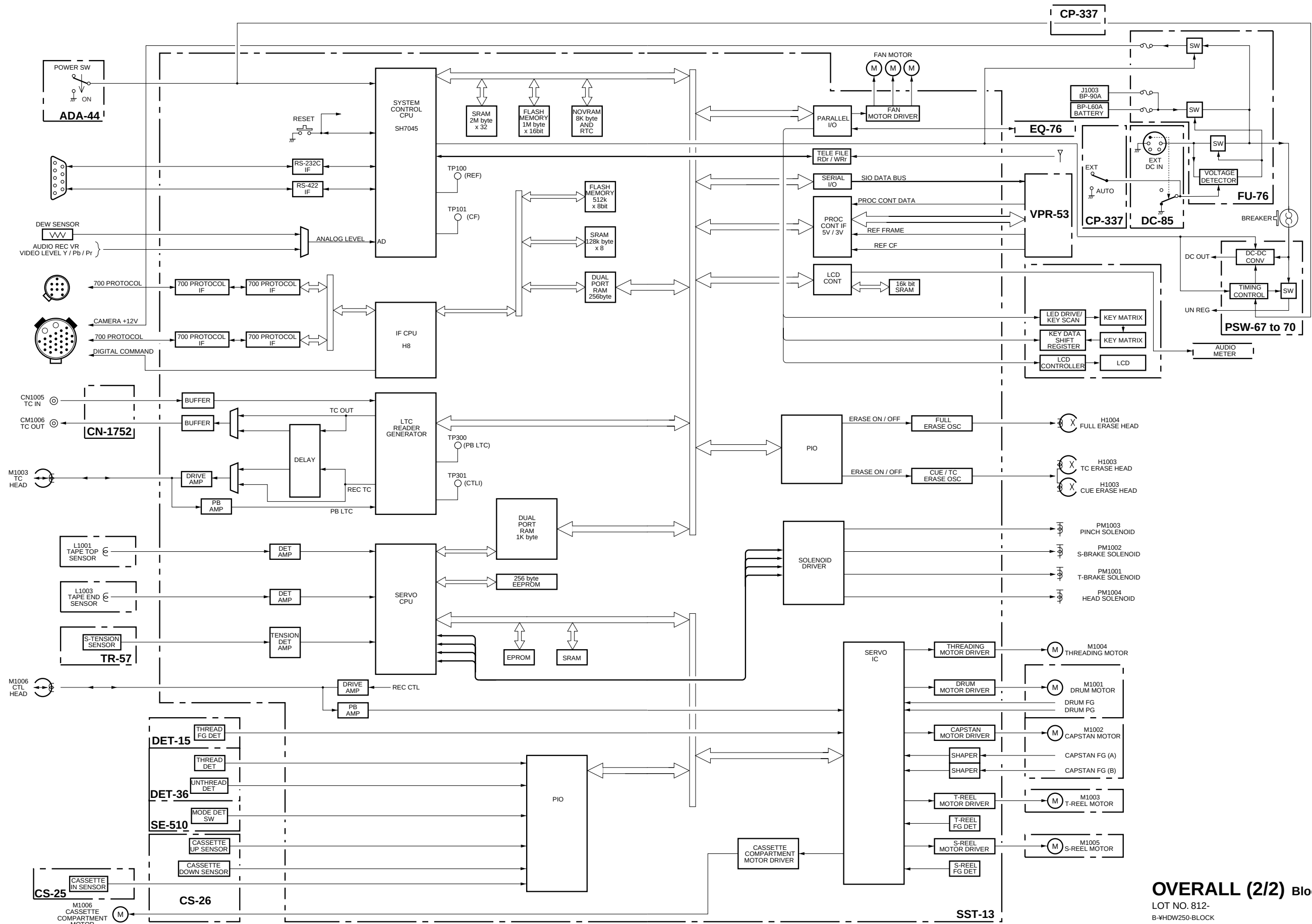
7-700-736-06 o L-SHAPED HEXAGONAL WRENCH (D=0.9mm)

8-960-076-01 o ALIGNMENT TAPE, HR5-1A
 8-960-076-11 o ALIGNMENT TAPE, HR2-1A

9-911-053-00 o THICKNESS GAUGE
 9-919-573-01 o CLEANING FLUID

Section 3
Block Diagrams





OVERALL (2/2) Block Diagram
 LOT NO. 812-
 B-YHDW250-BLOCK

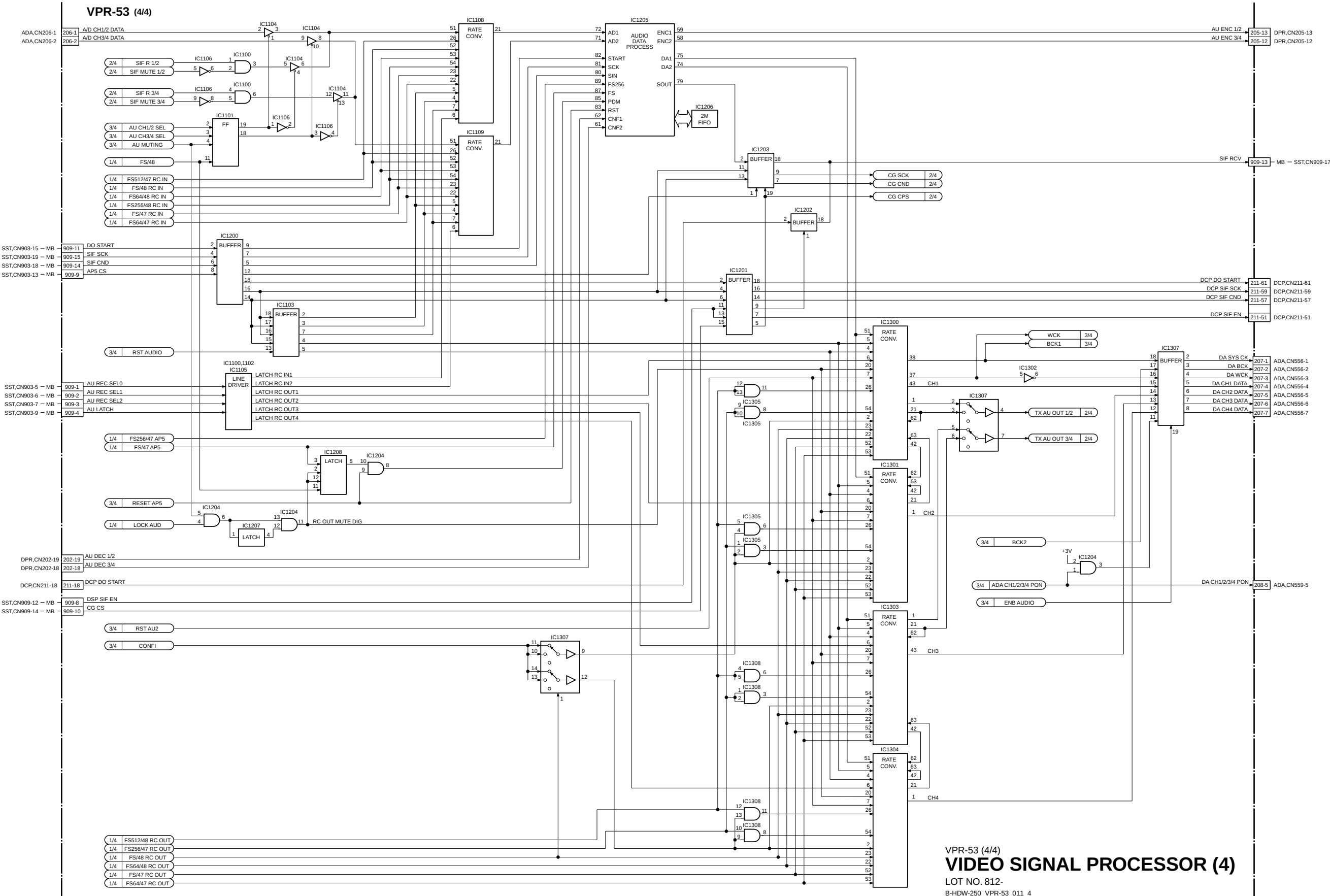
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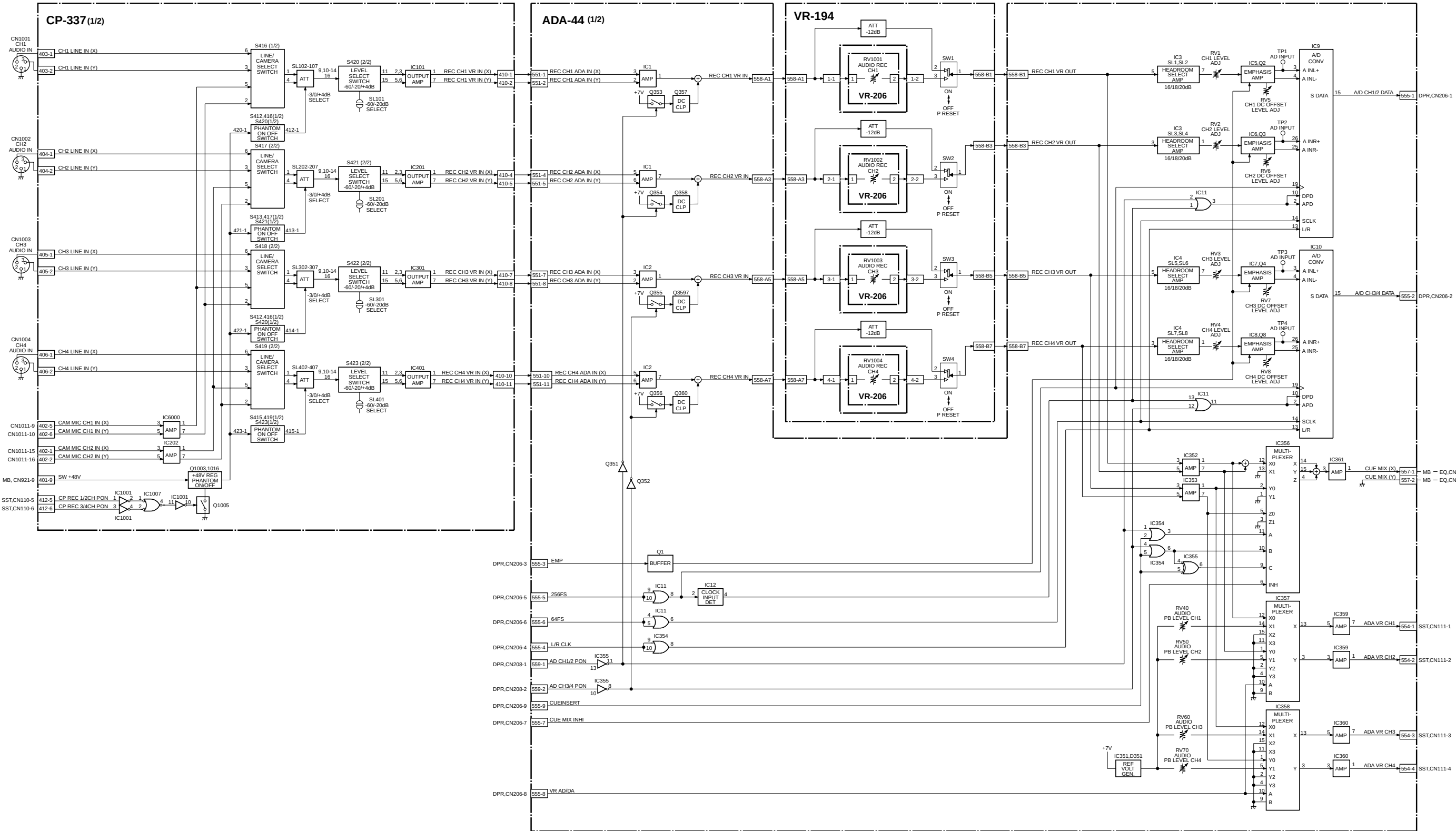


VIDEO SIGNAL PROCESSOR (2)

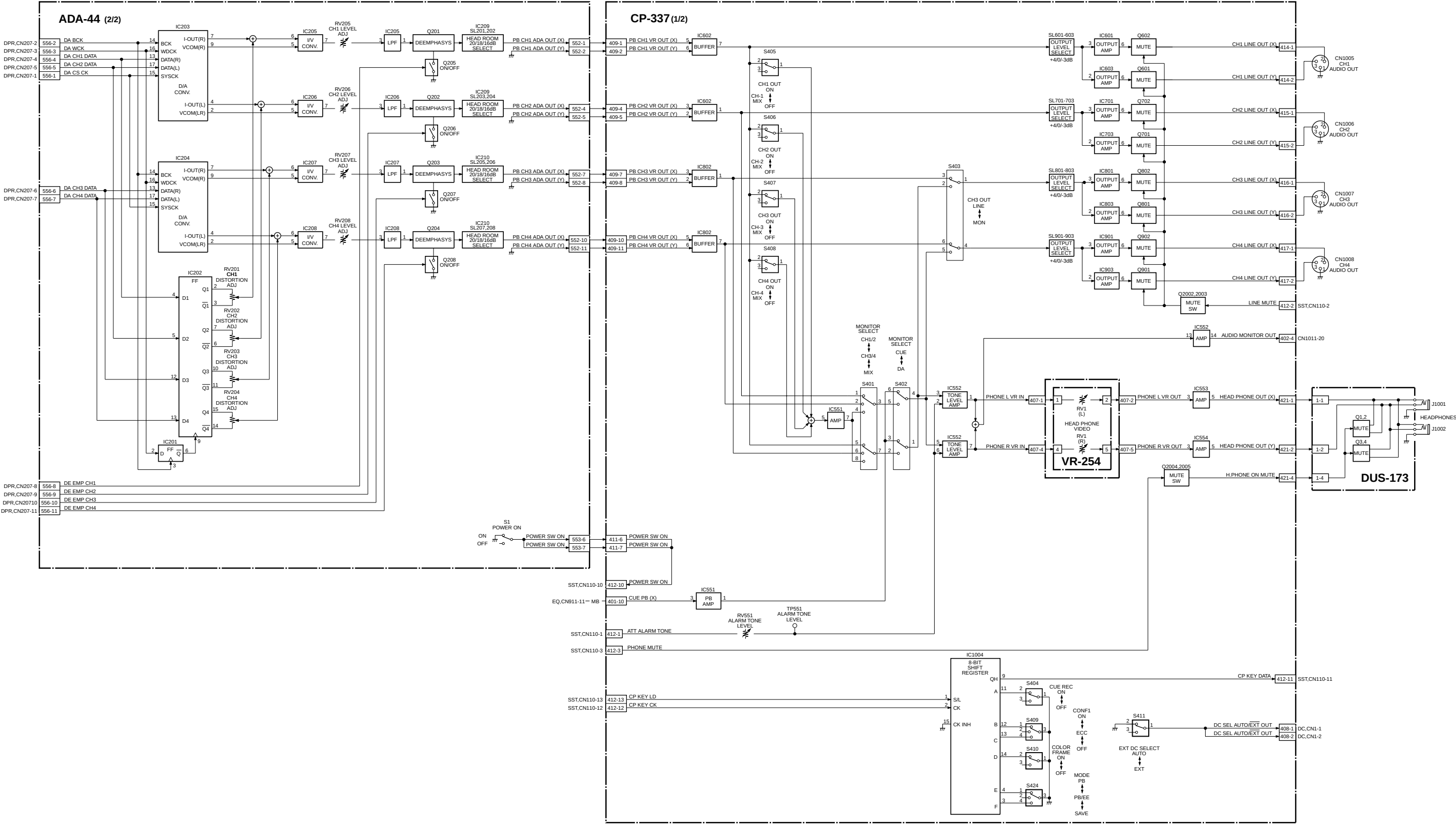






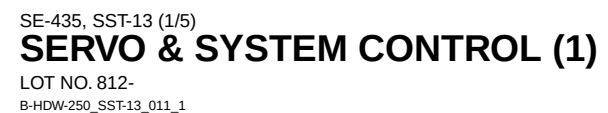


ADA-44, CP-337, VR-194, VR-206
AUDIO SIGNAL PROCESSOR (1)
LOT NO. 812-
B-HDW-250_CP-337_011_1

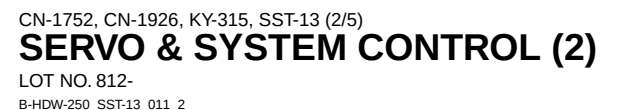


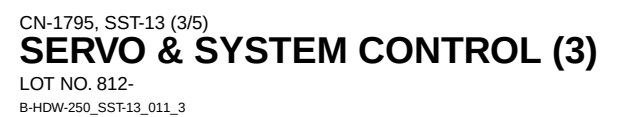
ADA-44, CP-337, VR-254, DUS-173
AUDIO SIGNAL PROCESSOR (2)
LOT NO. 812-
B-HDW-250_CP-337_011_2

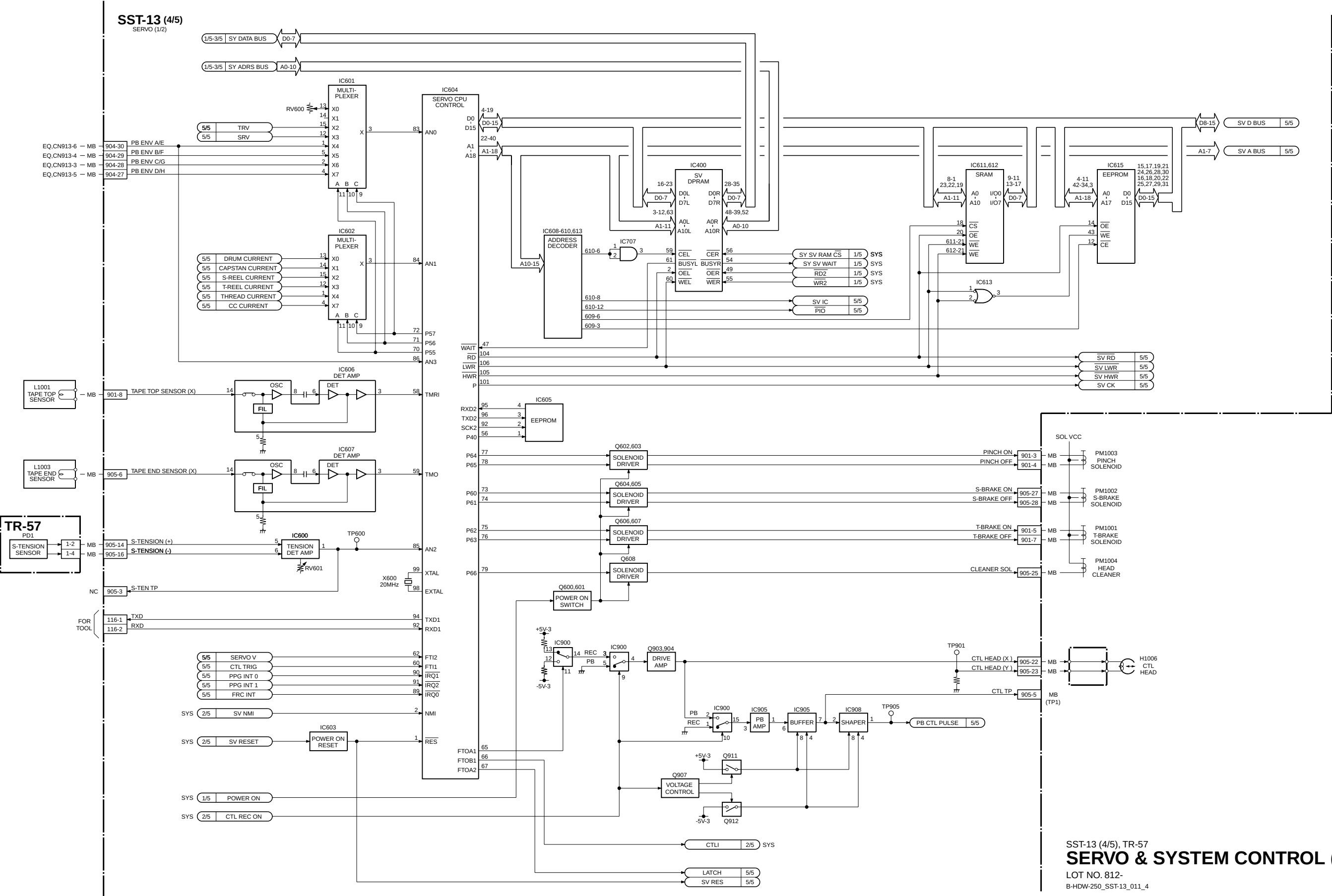
SERVO & SYSTEM CONTROL (1)

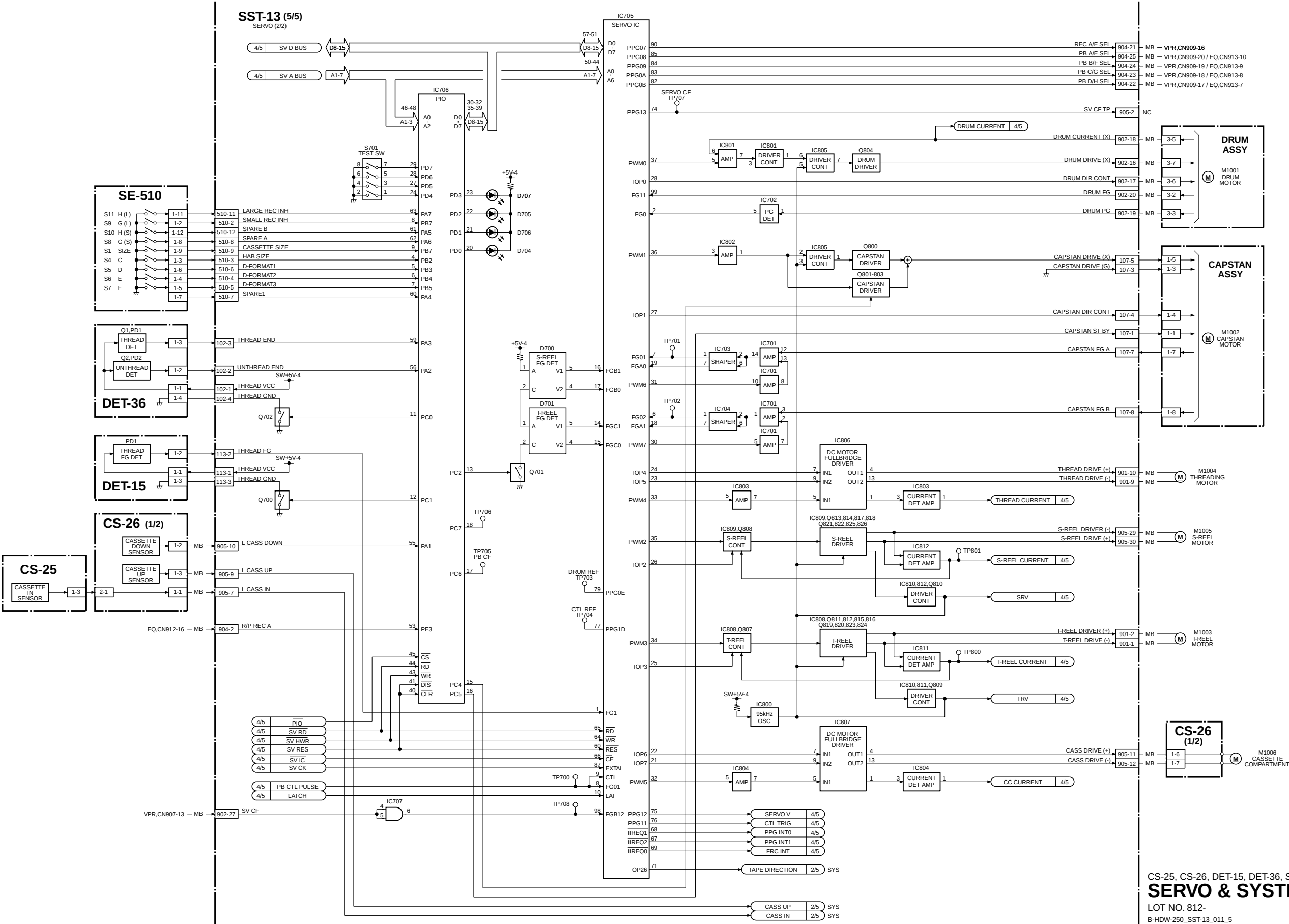


SERVO & SYSTEM CONTROL (2)









CS-25, CS-26, DET-15, DET-36, SE-510, SST-13 (5/5)
SERVO & SYSTEM CONTROL (5)
LOT NO. 812-
B-HDW-250_SST-13_011_5

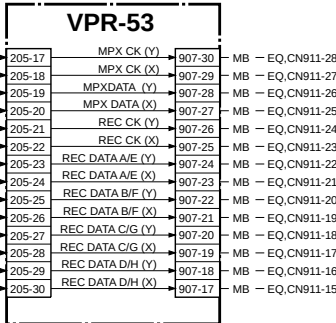
D CONV & COMP ENCO

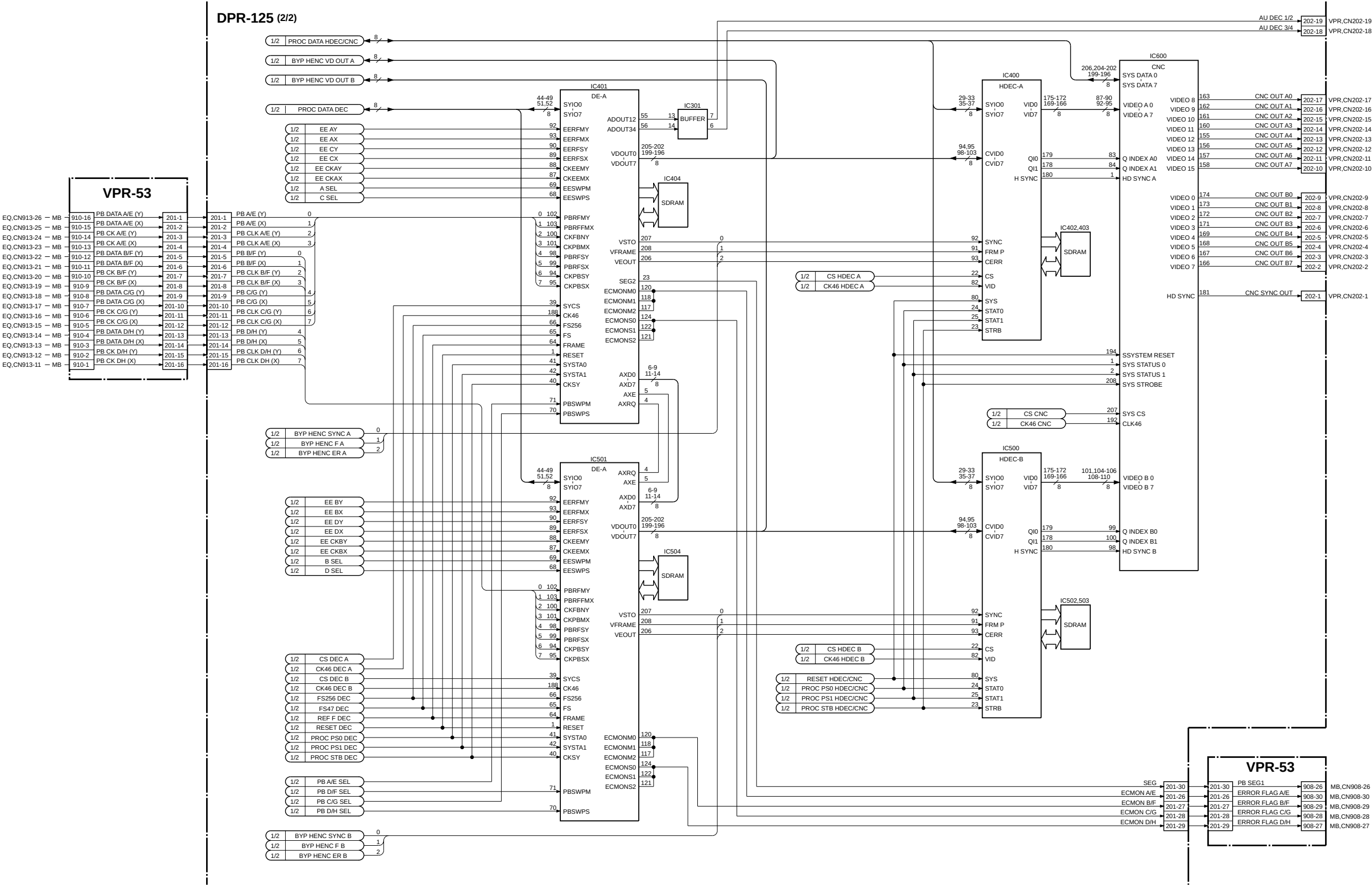
DCP-22



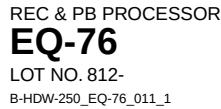
CC-82, DCP-22
D CONV & COMP ENCO
LOT NO. 812-
B-HDW-250_DCP-22_011_1

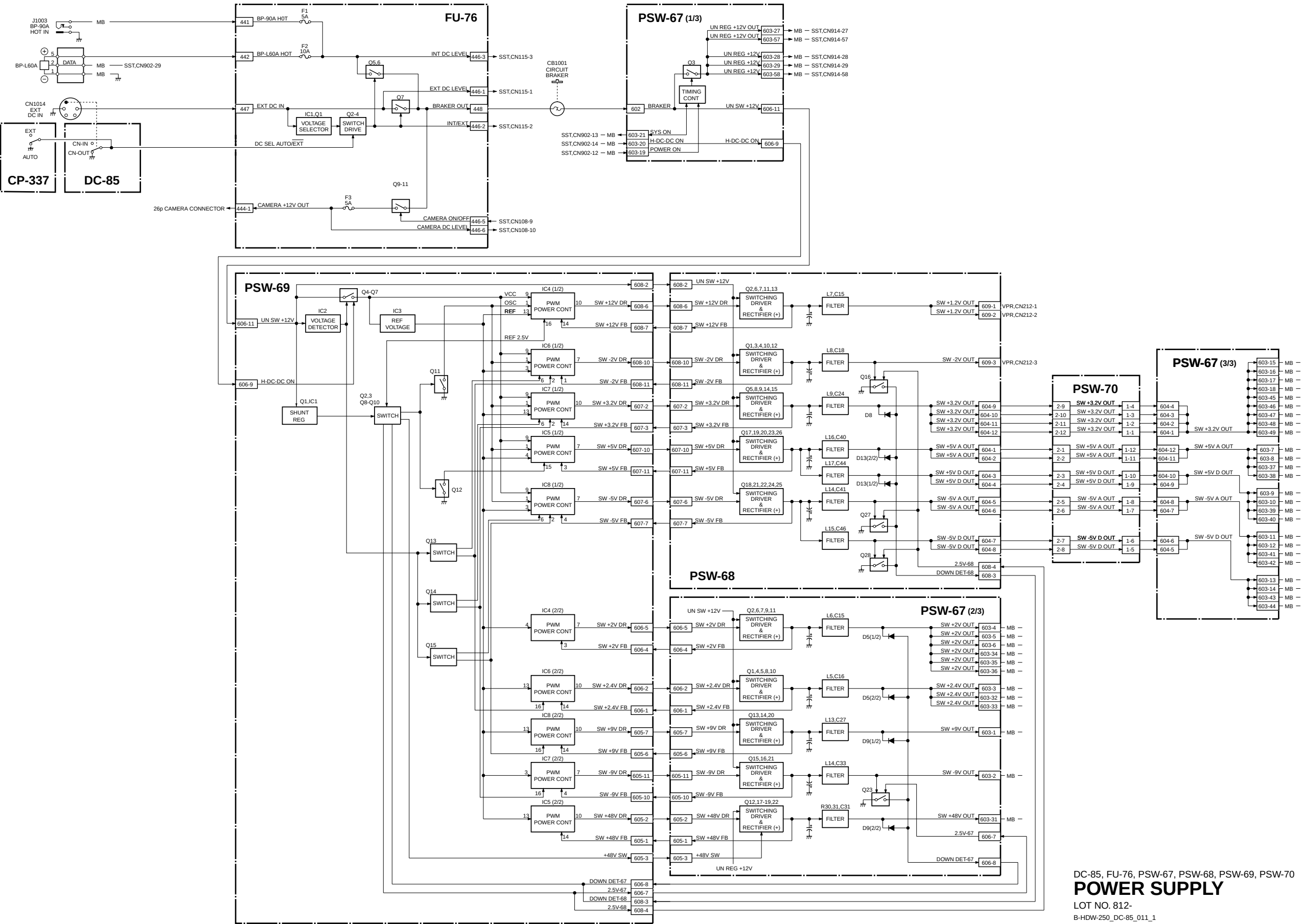
SYSTEM CONTROL (1)





DPR-125 (2/2), VPR-53
SYSTEM CONTROL (2)
LOT NO. 812-
B-HDW-250_DRP-125_011_2



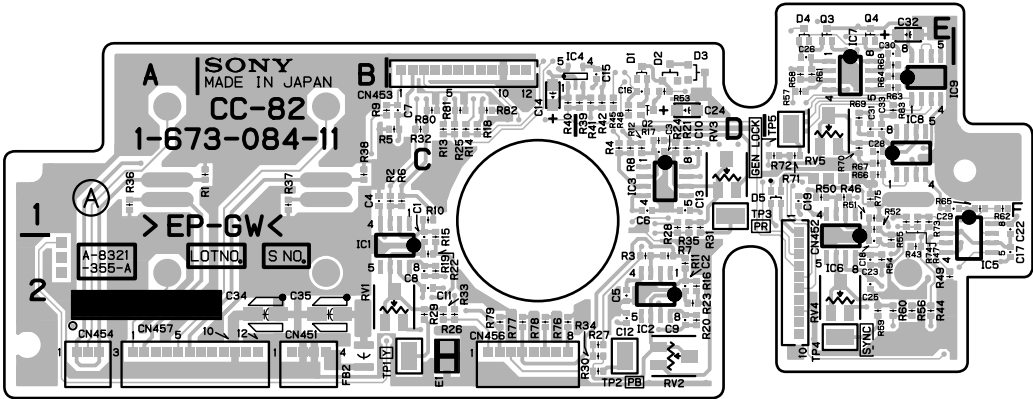




Section 4
Board Layouts

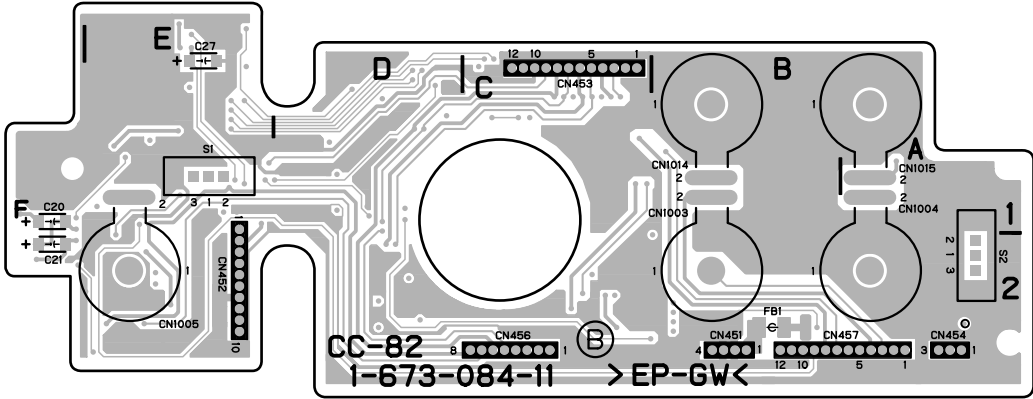
Index

System	Board name	Function	Page
VIDEO	CC-82	Video Input/Output	4-3
	VPR-53	Ref CK Generator, Video Signal Processor (AD/DA)	4-4
AUDIO	CP-337	Audio Input/Output, Panel Switches	4-6
	ADA-44	Audio Signal Processor (AD/DA)	4-8
	VR-194	Audio Rec Level Selector (Preset/Variable)	4-9
	VR-206	Audio Rec Level Control	4-9
	VR-254	Phone Level Control	4-9
	DUS-173	Head Phone Connector	4-9
DIGITAL PROCESS	DCP-22	Down Converter	4-10
	DPR-125	Digial Data Processor (Encode/Decode, Error Correction)	4-12
		Data Rate Converter	
RF & CUE	EQ-76	Rec Current Control	
		RF Equalizer (PB EQ, PB Envelope Detector),	4-14
		Rec Envelope Detector	
		Cue Rec/PB	
SERVO,	KY-315	Panel Switches	4-16
SYTEM CONTROL,	CN-1752	TC IN/OUT Connectors	4-16
TIMECODE	SST-13	Servo & System Control, Timecode IN/OUT Buffer & Rec/PB Amp1	4-18
		Full Erase & Channel Erase Oscillator	
		CTL Rec/PB Amp	
	SE-510	Sensor (Casette Coding)	4-20
	DET-15	Cassette In Detector	4-20
	DET-36	Sensor (Thread/Unthread)	4-20
	CS-25	Cassette Up/Down Detector	4-21
	CS-26	Cassette Up/Down Detector	4-21
	TR-57	S-Tension Detector	4-21
MOTHERBOARD	MB-825	Motherboard	4-22
POWER SUPPLY	FU-76	Battery/EXT DC Selector	4-24
	DC-85	DC Input Select Switch	4-24
	PSW-67	Switching Driver	4-25
	PSW-68	Switching Driver	4-25
	PSW-69	PWM Power Control	4-26
	PSW-70	Connection	4-26
OTHERS	CN-1795	Camera Remote Connector	4-26
	CN-1926	Connection	4-26
	SE-435A	Loop Antenna Board	4-20



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

CC-82 -A SIDE-
SUFFIX: -11



CC-82 -B SIDE-
SUFFIX: -11

CC-82(1-673-084-11)

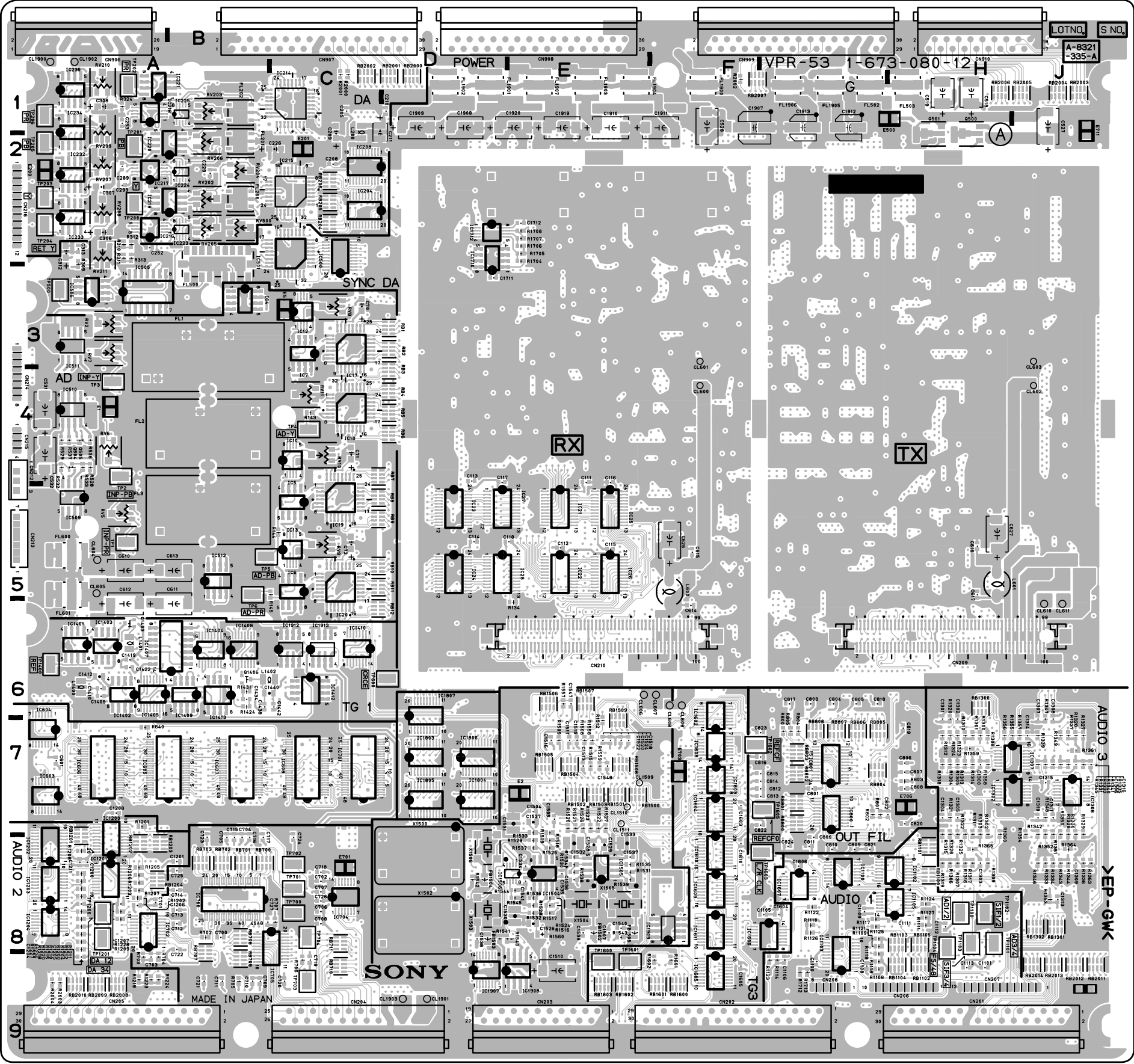
*:B SIDE

CN451	B2	Q2	D1
CN452	E2	Q3	E1
CN453	C1	Q4	E1
CN454	A2		
CN456	C2	RV1	C2
CN457	A2	RV2	D2
CN1003	*B2	RV3	D1
CN1004	*A2	RV4	E2
CN1005	*E2		
CN1014	*B1	S1	*E1
CN1015	*A1	S2	*A2
D1	D1	TP1	C2
D2	D1	TP2	D2
D3	D1	TP3	D1
D4	E1	TP4	E2
D5	E1	TP5	E1
E1	C2		
FB1	*B2		
FB2	B2		
IC1	C1		
IC2	D2		
IC3	D1		
IC4	C1		
IC5	E1		
IC6	E1		
IC7	E1		
IC8	E1		
IC9	E1		

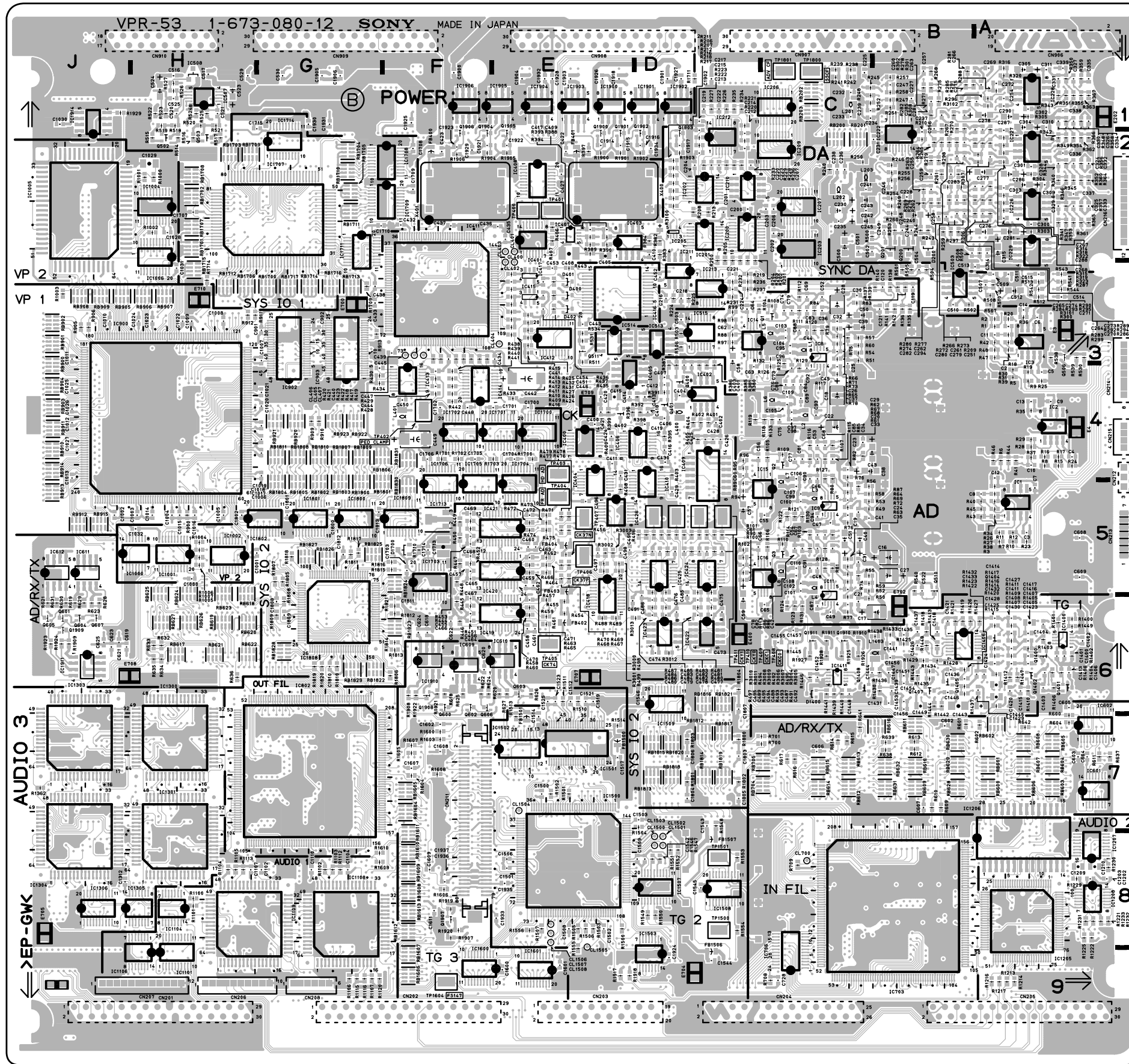
VPR-53(1-673-080-12)

*:B SIDE

CL400	*E3	FB404	*E5	IC402	*D4	IC1306	*J8
CL401	*E2	FB1500	*E7	IC403	*E2	IC1307	H7
CL402	*E3	FB1501	*E8	IC404	*E4	IC1308	J7
CL403	*E2	FB1502	E7	IC405	*D4	IC1400	*A6
CL404	*E3	FB1503	D8	IC406	*E4	IC1401	A6
CL405	*F3	FB1504	D8	IC407	*E2	IC1402	A6
CL406	*F3	FB1505	E8	IC408	*E2	IC1403	A6
CL407	*F3	FB1506	*D9	IC409	*D4	IC1404	B6
CL600	F4	FB1507	*D8	IC410	*E4	IC1405	A6
CL601	F3			IC411	*F3	IC1406	*B6
CL602	J4	FL1	B3	IC412	*E3	IC1407	B6
CL603	J3	FL2	B4	IC413	*F4	IC1408	B6
CL604	A5	FL3	B5	IC414	*E4	IC1409	B6
CL605	A5	FL200	B2	IC415	*E3	IC1410	C6
CL606	E6	FL201	B2	IC416	*D3	IC1411	*C6
CL607	F6	FL202	B1	IC417	*E3	IC1412	C6
CL608	F6	FL500	B3	IC418	*E5	IC1413	B6
CL609	F6	FL502	G1	IC419	*E6	IC1500	*E8
CL610	J6	FL603	H1	IC420	*E5	IC1501	*E7
CL611	J6	FL600	A5	IC421	*E5	IC1502	*E7
CL700	*C8	FL601	A5	IC422	*D6	IC1503	*D8
CL1500	*D8	FL1900	F1	IC423	*D6	IC1504	E8
CL1501	*D8	FL1901	D1	IC424	*D5	IC1505	E8
CL1502	*D8	FL1902	D1	IC425	*D5	IC1506	E8
CL1503	*D8	FL1903	E1	IC426	*E5	IC1507	*D8
CL1504	*E7	FL1904	E1	IC500	C3	IC1508	*D8
CL1505	*E8	FL1905	G1	IC501	C2	IC1509	*D7
CL1506	*E8	FL1906	G1	IC503	*B3	IC1600	*E9
CL1507	*E8	FL1907	E1	IC505	A3	IC1601	*E9
CL1508	*E8			IC506	A3	IC1602	F7
CL1509	E7	IC1	*A5	IC507	*H1	IC1603	F7
CL1510	E7	IC2	*A4	IC508	*H1	IC1604	F7
CL1511	E7	IC3	*A3	IC509	A5	IC1605	F9
CL1900	A1	IC4	B3	IC510	A4	IC1606	F8
CL1901	D9	IC5	C5	IC511	A3	IC1607	G8
CL1902	A1	IC6	C5	IC512	B5	IC1608	F7
CL1903	D9	IC7	C3	IC513	*D3	IC1609	F8
		IC8	*C3	IC514	*E3	IC1610	F8
CN201	H9	IC9	*C5	IC515	*D3	IC1611	F8
CN202	F9	IC10	C4	IC601	*A7	IC1700	*E4
CN203	E9	IC11	*C6	IC602	*A7	IC1701	*F4
CN204	C9	IC12	C3	IC603	A7	IC1702	*F4
CN205	A9	IC13	C5	IC604	A6	IC1703	*F6
CN206	*H9	IC14	*D3	IC605	B7	IC1704	*E5
CN207	*H9	IC15	*C4	IC606	A7	IC1705	*F5
CN208	*G9	IC16	*C5	IC607	B7	IC1706	*F5
CN209	H6	IC17	C3	IC608	C7	IC1707	*G2
CN210	E6	IC18	C4	IC609	*F6	IC1708	*G2
CN211	*F7	IC19	C5	IC610	*E6	IC1709	*G2
CN212	A4	IC20	C5	IC611	*J5	IC1710	D3
CN213	A5	IC21	E5	IC612	*J5	IC1711	*G2
CN214	*A4	IC22	E5	IC700	B8	IC1712	D2
CN215	*A4	IC23	D5	IC701	D7	IC1713	*F5
CN216	*A2	IC24	D5	IC702	A8	IC1714	*G2
CN906	A1	IC25	E5	IC703	*B8	IC1800	*G5
CN907	C1	IC26	E5	IC704	C8	IC1801	*G5
CN908	E1	IC27	D5	IC705	B8	IC1802	*H5
CN909	G1	IC28	D5	IC706	*C9	IC1803	D7
CN910	H1	IC200	*D2	IC800	G7	IC1804	D7
		IC201	*D2	IC801	G7	IC1805	D7
D200	*B2	IC202	*D2	IC802	*G7	IC1806	D7
D400	*E3	IC203	*C3	IC900	*H4	IC1807	D7
D401	*E3	IC204	C2	IC902	*G4	IC1808	*G6
D402	*E3	IC205	*D2	IC903	*G4	IC1809	*F5
D1400	*C6	IC206	*C1	IC1000	*J5	IC1900	*E1
D1700	*F5	IC207	*C2	IC1001	*H5	IC1901	*D1
		IC208	C2	IC1002	*H5	IC1902	*D1
E1	A4	IC209	*C2	IC1004	*H2	IC1903	*E1
E2	E7	IC210	*D2	IC1005	*J2	IC1904	*E1
E3	*A3	IC211	*D2	IC1006	*H2	IC1905	*E1
E4	*A4	IC212	*D2	IC1100	G8	IC1906	*F1
E5	C3	IC213	*D3	IC1101	*H9	IC1907	D9
E200	A2	IC214	C1	IC1102	H8	IC1908	E9
E201	C2	IC215	C2	IC1103	G9	IC1909	F8
E202	*A1	IC216	A2	IC1104	*H8	IC1910	*F6
E400	*D6	IC217	A2	IC1105	H8	IC1911	*J6
E500	H1	IC218	A1	IC1106	*H8	IC1912	C6
E700	*G3	IC219	B2	IC1108	*G8	IC1913	C6
E701	C8	IC220	B2	IC1109	*H8	IC1914	*J1
E702	*B6	IC221	B1	IC1200	A8		
E703	F7	IC222	*B1	IC1201	A8	L1	*C3
E704	*D9	IC223	B2	IC1202	A8	L2	*C4
E705	*J8	IC224	B2	IC1203	A8	L3	*C5
E706	H7	IC225	B1	IC1204	A8	L4	*C5
E707	*E6	IC226	*A2	IC1205	*A8	L5	*C3
E708	*J6	IC227	*A2	IC1206	*A8	L6	*C4
E709	*E4	IC228	*A1	IC1207	*A8	L7	*C5
E710	*H3	IC229	*A2	IC1208	*A8	L8	*C5
E711	J1	IC230	A2	IC1300	*H7	L200	C1
		IC231	A2	IC1301	*H8	L201	*C1
FB400	*F2	IC232	A2	IC1302	H7	L202	*C2
FB401	*E2	IC233	A1	IC1303	*J7	L203	*C2
FB402	*E6	IC234	*E4	IC1304	*J8	L400	*D4
FB403	*E5	IC401	*E2	IC1305	*J8	L401	*F4



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



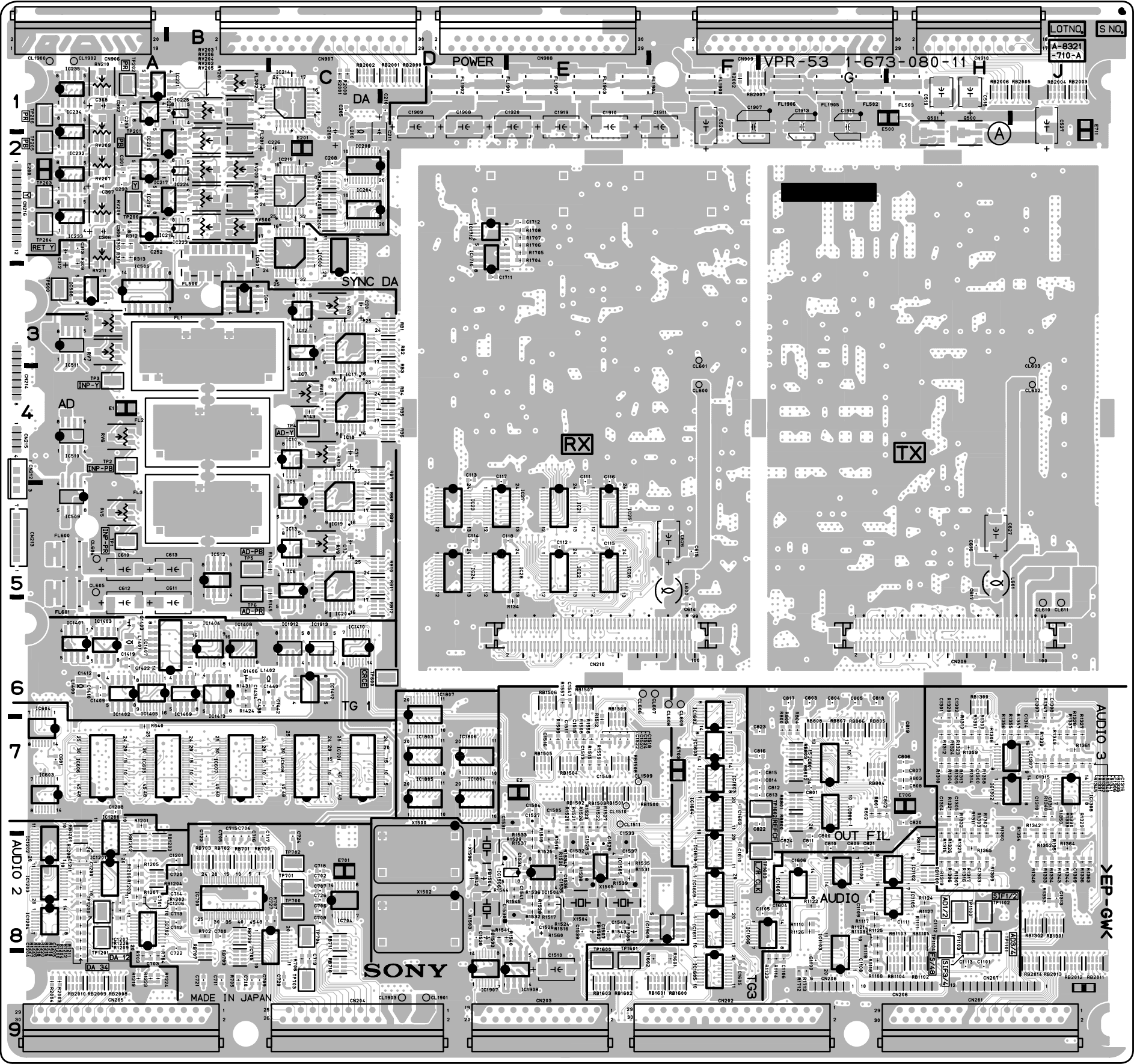
L600	F5	RB621	*H6	RB1705	*G2	TP400	*E2
L601	H5	RB622	*H6	RB1706	*H3	TP401	*E2
L1400	A6	RB623	*H5	RB1707	*H2	TP402	*F4
L1401	A6	RB624	*H5	RB1708	*H2	TP403	*E4
L1402	B6	RB625	*H5	RB1709	*H2	TP404	*E5
L1403	*B6	RB626	*H6	RB1710	*G2	TP405	*E6
		RB627	*H6	RB1711	*G2	TP406	*E5
Q1	*C3	RB628	*B7	RB1712	*H3	TP407	*E5
Q2	*C4	RB629	*B7	RB1713	*G3	TP408	*D5
Q3	*C5	RB630	*B7	RB1714	*G3	TP409	*D5
Q200	*B2	RB631	*B7	RB1715	*H3	TP410	*D5
Q201	*B2	RB632	*B7	RB1716	*G3	TP411	*D5
Q400	*D4	RB700	B8	RB1717	*G3	TP500	A3
Q401	*D4	RB701	B8	RB1800	*G5	TP600	D6
Q402	*E4	RB702	B8	RB1801	*F5	TP700	C8
Q500	H2	RB703	B8	RB1802	*G5	TP701	C8
Q501	H2	RB704	*C8	RB1803	*G5	TP702	C8
Q502	*H2	RB705	*C7	RB1804	*G5	TP703	C9
Q503	*H2	RB707	B9	RB1805	*G5	TP704	C8
Q504	A4	RB708	B8	RB1806	*F4	TP1100	H8
Q505	A4	RB709	B9	RB1807	*G4	TP1101	H8
Q506	*A3	RB710	C9	RB1808	*G4	TP1102	H8
Q510	*B5	RB711	C8	RB1809	*G4	TP1103	H8
Q511	*E3	RB800	G7	RB1810	*G4	TP1104	H8
Q600	*F6	RB801	G7	RB1811	*G4	TP1200	A8
Q601	*J6	RB802	G7	RB1812	*D7	TP1201	A8
Q602	*F6	RB803	G7	RB1813	*D7	TP1400	A6
Q603	*E6	RB804	G7	RB1814	*D7	TP1500	*D8
Q604	*J6	RB805	G7	RB1815	*D7	TP1501	*D8
Q605	*J6	RB806	G7	RB1816	*D6	TP1600	E9
Q606	*F6	RB807	G7	RB1817	*D7	TP1601	E9
Q607	*J6	RB808	G7	RB1818	*D7	TP1602	F7
Q1400	*A6	RB900	*J4	RB1819	*D7	TP1603	G8
Q1401	*A6	RB901	*J3	RB1820	*D7	TP1604	*F9
Q1402	*A6	RB902	*J3	RB1821	*D6	TP1605	G7
Q1403	A6	RB903	*J4	RB1822	*G6	TP1800	*C1
Q1404	*A6	RB904	*J4	RB1823	*F6	TP1801	*C1
Q1405	*B6	RB905	*J3	RB1824	*F5		
Q1406	B6	RB906	*H3	RB1825	*G5	X400	*E2
Q1407	*B6	RB907	*H3	RB1826	*G5	X401	*F2
Q1408	*C6	RB908	*J3	RB1827	*G5	X1500	D8
Q1900	*E2	RB909	*J3	RB1828	*G6	X1502	D8
Q1901	*E2	RB910	*J4	RB1829	*G6	X1503	D8
Q1902	*D2	RB911	*J4	RB1830	*F5	X1504	E8
Q1903	*D2	RB912	*J5	RB1831	*F4	X1505	E8
Q1904	*F2	RB913	*J5	RB2000	D1	X1506	D8
Q1905	*E2	RB914	*J4	RB2001	D1		
Q1906	*F2	RB915	*J5	RB2002	C1		
Q1907	*F8	RB920	*G4	RB2003	J1		
Q1908	*F6	RB921	*G4	RB2004	J1		
Q1909	*J6	RB922	*G4	RB2005	J1		
Q1910	*C6	RB923	*G4	RB2006	H1		
Q1911	*C6	RB1100	H8	RB2007	F1		
		RB1101	H8	RB2008	A9		
RB1	D3	RB1102	H9	RB2009	A9		
RB2	D3	RB1103	H8	RB2010	A9		
RB3	D4	RB1104	H9	RB2011	J9		
RB4	D4	RB1105	H8	RB2012	J9		
RB5	D4	RB1201	A8	RB2013	J9		
RB6	D4	RB1202	A8	RB2014	J9		
RB7	C4	RB1203	A8				
RB8	C5	RB1204	A8	RV2	A3		
RB9	C5	RB1300	H6	RV5	A5		
RB10	C5	RB1301	J8	RV6	A4		
RB11	C5	RB1302	J8	RV7	A3		
RB12	C6	RB1500	E7	RV8	C3		
RB200	*C2	RB1501	E7	RV9	C5		
RB201	*C2	RB1502	E7	RV10	C4		
RB202	*C1	RB1503	E7	RV11	C4		
RB203	*C1	RB1504	E7	RV202	B2		
RB204	C2	RB1505	E7	RV203	B1		
RB205	C2	RB1506	E6	RV204	B2		
RB206	C2	RB1507	E6	RV205	B2		
RB600	*A7	RB1508	E7	RV206	B2		
RB601	*A7	RB1509	E7	RV207	A2		
RB602	*A7	RB1600	F9	RV208	A2		
RB603	*A7	RB1601	F9	RV209	A1		
RB604	*A7	RB1602	E9	RV210	A1		
RB605	*A7	RB1603	E9	RV211	A2		
RB606	*A7	RB1604	*F7	RV500	B2		
RB607	*A7	RB1605	*F7				
RB608	*A7	RB1606	*F9	TP1	A5		
RB609	*B7	RB1607	*F9	TP2	A4		
RB610	*B7	RB1608	*F8	TP3	A4		
RB611	*B7	RB1609	*F8	TP4	C4		
RB612	*C7	RB1610	*F8	TP5	B5		
RB613	*C7	RB1611	*F8	TP6	B5		
RB614	*C7	RB1612	*F8	TP200	A2		
RB615	*C7	RB1613	*F8	TP201	A2		
RB616	*B7	RB1700	*G3	TP202	A1		
RB617	*H6	RB1701	*H2	TP203	A2		
RB618	*H5	RB1702	*H2	TP204	A2		
RB619	*H6	RB1703	*H2	TP205	A2		
RB620	*H6	RB1704	*G2	TP206	A1		

VPR-53 -B SIDE-
SUFFIX: -12

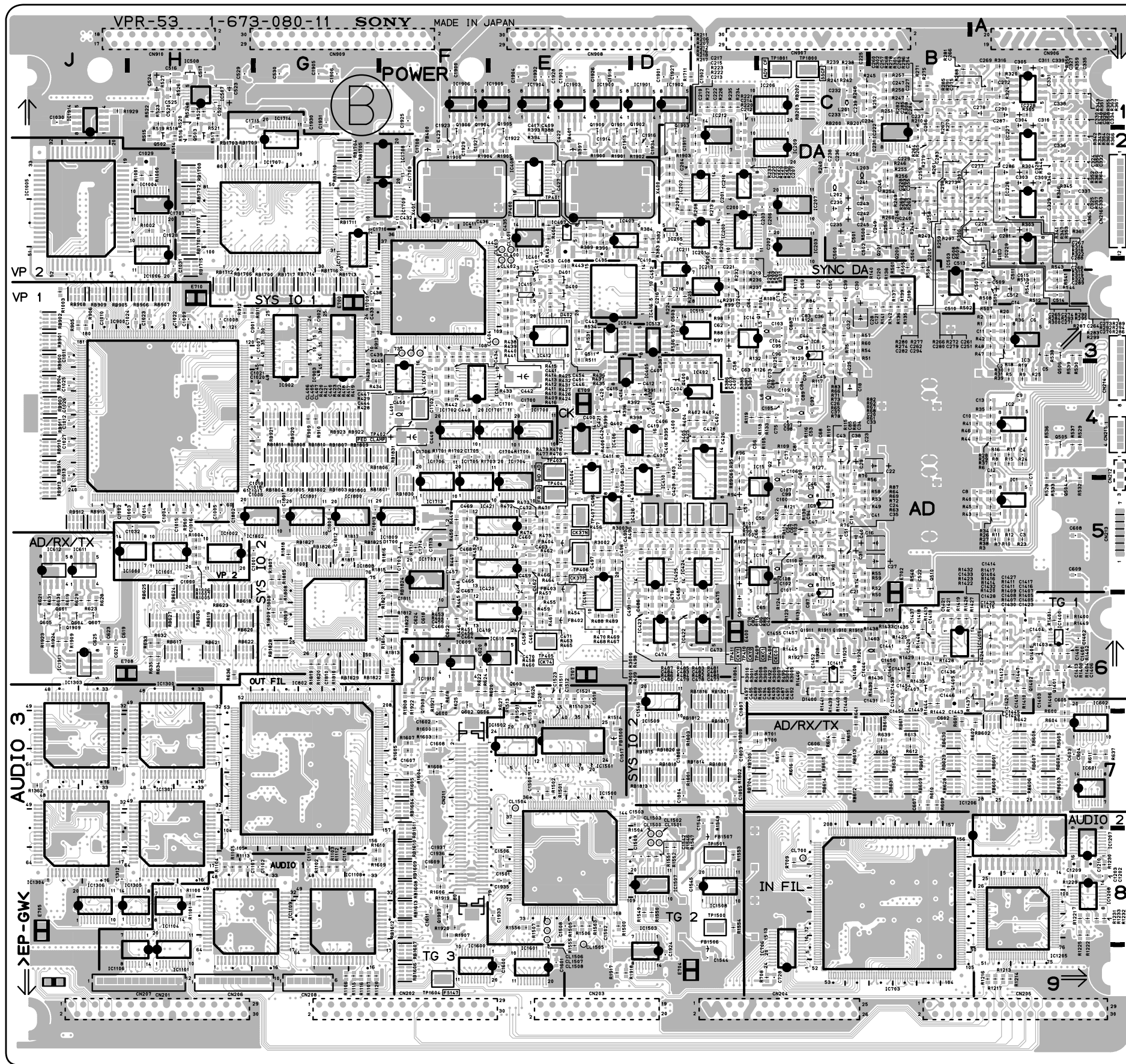
VPR-53(1-673-080-11)

*:B SIDE

CL400	*E3	FB1503	D8	IC406	*E4	IC1401	A6
CL401	*E2	FB1504	D8	IC407	*E2	IC1402	A6
CL402	*E3	FB1505	E8	IC408	*E2	IC1403	A6
CL403	*E2	FB1506	*D9	IC409	*D4	IC1404	B6
CL404	*E3	FB1507	*D8	IC410	*E4	IC1405	A6
CL405	*F3			IC411	*F3	IC1406	*B6
CL406	*F3	FL1	B3	IC412	*E3	IC1407	B6
CL407	*F3	FL2	B4	IC413	*F4	IC1408	B6
CL600	F4	FL3	B5	IC414	*E4	IC1409	B6
CL601	F3	FL200	B2	IC415	*E3	IC1410	C6
CL602	J4	FL201	B2	IC416	*D3	IC1411	*C6
CL603	J3	FL202	B1	IC417	*E3	IC1412	C6
CL604	A5	FL500	B3	IC418	*E5	IC1413	B6
CL605	A5	FL502	G1	IC419	*E6	IC1500	*E8
CL606	E6	FL503	H1	IC420	*E5	IC1501	*E7
CL607	F6	FL600	A5	IC421	*E5	IC1502	*E7
CL608	F6	FL601	A5	IC422	*D6	IC1503	*D8
CL609	F6	FL1900	F1	IC423	*D6	IC1504	E8
CL610	J6	FL1901	D1	IC424	*D5	IC1505	E8
CL611	J6	FL1902	D1	IC425	*D5	IC1506	E8
CL700	*C8	FL1903	E1	IC426	*E5	IC1507	*D8
CL1500	*D8	FL1904	E1	IC500	C3	IC1508	*D8
CL1501	*D8	FL1905	G1	IC501	C2	IC1509	*D7
CL1502	*D8	FL1906	G1	IC503	*B3	IC1600	*E9
CL1503	*D8	FL1907	E1	IC505	A3	IC1601	*E9
CL1504	*E7			IC506	A3	IC1602	F7
CL1505	*E8	IC1	*A5	IC507	*H1	IC1603	F7
CL1506	*E8	IC2	*A4	IC508	*H1	IC1604	F7
CL1507	*E8	IC3	*A3	IC509	A5	IC1605	F9
CL1508	*E8	IC4	B3	IC510	A4	IC1606	F8
CL1509	E7	IC5	C5	IC511	A3	IC1607	G8
CL1510	E7	IC6	C5	IC512	B5	IC1608	F7
CL1511	E7	IC7	C3	IC513	*D3	IC1609	F8
CL1900	A1	IC8	*C3	IC514	*E3	IC1610	F8
CL1901	D9	IC9	*C5	IC515	*D3	IC1611	F8
CL1902	A1	IC10	C4	IC601	*A7	IC1700	*E4
CL1903	D9	IC11	*C6	IC602	*A7	IC1701	*F4
		IC12	C3	IC603	A7	IC1702	*F4
CN201	H9	IC13	C5	IC604	A6	IC1703	*F6
CN202	F9	IC14	*D3	IC605	B7	IC1704	*E5
CN203	E9	IC15	*C4	IC606	A7	IC1705	*F5
CN204	C9	IC16	*C5	IC607	B7	IC1706	*F5
CN205	A9	IC17	C3	IC608	C7	IC1707	*G2
CN206	*H9	IC18	C4	IC609	*F6	IC1708	*G2
CN207	*H9	IC19	C5	IC610	*E6	IC1709	*G2
CN208	*G9	IC20	C5	IC611	*J5	IC1710	D3
CN209	H6	IC21	E5	IC612	*J5	IC1711	*G2
CN210	E6	IC22	E5	IC700	B8	IC1712	D2
CN211	*F7	IC23	D5	IC701	D7	IC1713	*F5
CN212	A4	IC24	D5	IC702	A8	IC1714	*G2
CN213	A5	IC25	E5	IC703	*B8	IC1800	*G5
CN214	*A4	IC26	E5	IC704	C8	IC1801	*G5
CN215	*A4	IC27	D5	IC705	B8	IC1802	*H5
CN216	*A2	IC28	D5	IC706	*C9	IC1803	D7
CN906	A1	IC200	*D2	IC800	G7	IC1804	D7
CN907	C1	IC201	*D2	IC801	G7	IC1805	D7
CN908	E1	IC202	*D2	IC802	G7	IC1806	D7
CN909	G1	IC203	*C3	IC900	*H4	IC1807	D7
CN910	H1	IC204	C2	IC902	*G4	IC1808	*G6
		IC205	*D2	IC903	*G4	IC1809	*F5
D200	*B2	IC206	*C1	IC1000	*J5	IC1900	*E1
D400	*E3	IC207	*C2	IC1001	*H5	IC1901	*D1
D401	*E3	IC208	C2	IC1002	*H5	IC1902	*D1
D402	*E3	IC209	*C2	IC1004	*H2	IC1903	*E1
D1400	*C6	IC210	*D2	IC1005	*J2	IC1904	*E1
D1700	*F5	IC211	*D2	IC1006	*H2	IC1905	*E1
		IC212	*D2	IC1100	G8	IC1906	*F1
E1	A4	IC213	*D3	IC1101	*H9	IC1907	D9
E2	E7	IC214	C1	IC1102	H8	IC1908	E9
E200	A2	IC215	C2	IC1103	G9	IC1909	F8
E201	C2	IC216	A2	IC1104	*H8	IC1910	*F6
E400	*D6	IC217	A2	IC1105	H8	IC1911	*J6
E500	H1	IC218	A1	IC1106	*H8	IC1912	C6
E700	*G3	IC219	B2	IC1108	*G8	IC1913	C6
E701	C8	IC220	B2	IC1109	*H8	IC1914	*J1
E702	*B6	IC221	B1	IC1200	A8		
E703	F7	IC222	*B1	IC1201	A8	L1	*C3
E704	*D9	IC223	B2	IC1202	A8	L2	*C4
E705	*J8	IC224	B2	IC1203	A8	L3	*C5
E706	H7	IC225	B1	IC1204	A8	L4	*C5
E707	*E6	IC226	*A2	IC1205	*A8	L5	*C3
E708	*J6	IC227	*A2	IC1206	*A8	L6	*C4
E709	*E4	IC228	*A1	IC1207	*A8	L7	*C5
E710	*H3	IC229	*A2	IC1208	*A8	L8	*C5
E711	J1	IC232	A2	IC1300	*H7	L200	C1
		IC233	A2	IC1301	*H8	L201	*C1
FB400	*F2	IC234	A2	IC1302	H7	L202	*C2
FB401	*E2	IC235	A1	IC1303	*J7	L203	*C2
FB402	*E6	IC400	*E4	IC1304	*J8	L400	*D4
FB403	*E5	IC401	*E2	IC1305	*J8	L401	*F4
FB404	*E5	IC402	*D4	IC1306	*J8	L600	F5
FB1500	*E7	IC403	*E2	IC1307	H7	L601	H5
FB1501	*E7	IC404	*E4	IC1308	J7	L1400	A6
FB1502	E8	IC405	*D4	IC1400	*A6	L1401	A6

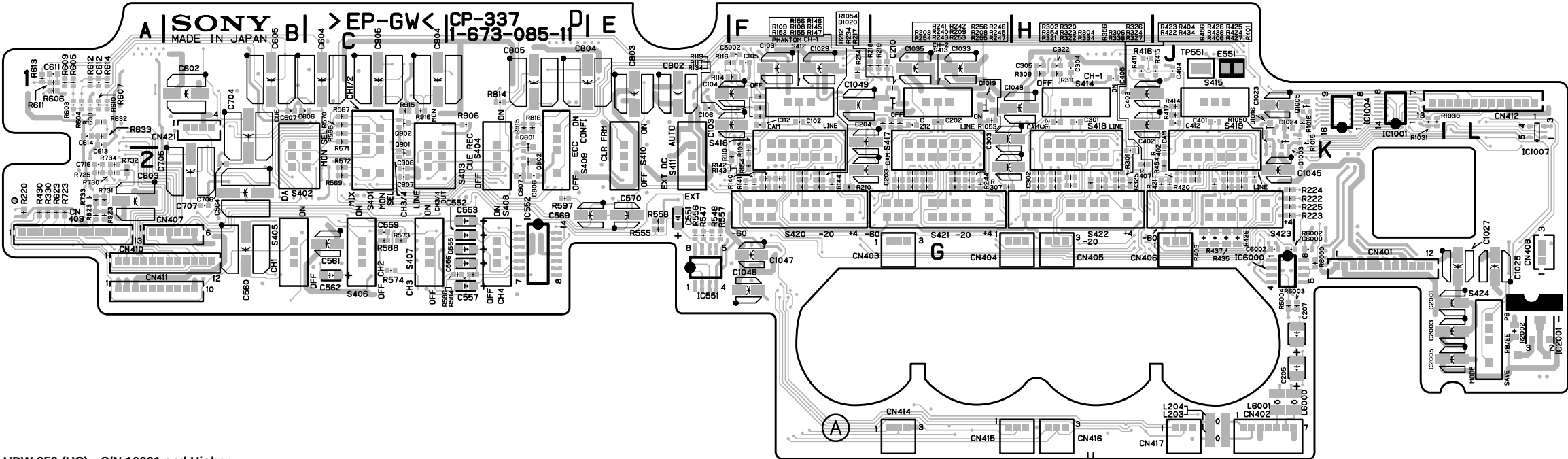


HDW-250 (J) : S/N 30001 through 30050



L1402	B6	RB625	*H5	RB1709	*H2	TP402	*F4
L1403	*B6	RB626	*H6	RB1710	*G2	TP403	*E4
		RB627	*H6	RB1711	*G2	TP404	*E5
Q1	*C3	RB628	*B7	RB1712	*H3	TP405	*E6
Q2	*C4	RB629	*B7	RB1713	*G3	TP406	*E5
Q3	*C5	RB630	*B7	RB1714	*H3	TP407	*E5
Q200	*B2	RB631	*B7	RB1715	*G3	TP408	*D5
Q201	*B2	RB632	*B7	RB1716	*G3	TP409	*D5
Q400	*D4	RB700	B8	RB1717	*G3	TP410	*D5
Q401	*D4	RB701	B8	RB1800	*G5	TP411	*D5
Q402	*E4	RB702	B8	RB1801	*F5	TP500	A3
Q500	H2	RB703	B8	RB1802	*G5	TP600	D6
Q501	H2	RB704	*C7	RB1803	*G5	TP700	C8
Q502	*H2	RB705	*C7	RB1804	*G5	TP701	C8
Q503	*H2	RB707	B9	RB1805	*G5	TP702	C8
Q504	*A5	RB708	B8	RB1806	*F4	TP703	C9
Q505	*A4	RB709	B9	RB1807	*G4	TP704	C8
Q506	*A3	RB710	C9	RB1808	*G4	TP1100	H8
Q510	*B5	RB711	C8	RB1809	*G4	TP1101	H8
Q511	*E3	RB800	G7	RB1810	*G4	TP1102	H8
Q600	*F6	RB801	G7	RB1811	*G4	TP1103	H8
Q601	*J6	RB802	G7	RB1812	*D7	TP1104	H8
Q602	*F6	RB803	G7	RB1813	*D7	TP1200	A8
Q603	*E6	RB804	G7	RB1814	*D7	TP1201	A8
Q604	*J6	RB805	G7	RB1815	*D7	TP1500	*D8
Q605	*J6	RB806	G7	RB1816	*D6	TP1501	*D8
Q606	*F6	RB807	G7	RB1817	*D7	TP1600	E9
Q607	*J6	RB808	G7	RB1818	*D7	TP1601	E9
Q1400	*A6	RB900	*J4	RB1819	*D7	TP1602	G7
Q1401	*A6	RB901	*J3	RB1820	*D7	TP1603	G8
Q1402	*A6	RB902	*J3	RB1821	*D6	TP1604	*F9
Q1403	A6	RB903	*J4	RB1822	*G6	TP1800	*C1
Q1404	*A6	RB904	*J4	RB1823	*F6	TP1801	*C1
Q1405	*B6	RB905	*J3	RB1824	*F5		
Q1406	B6	RB906	*H3	RB1825	*G5	X400	*E2
Q1407	*B6	RB907	*H3	RB1826	*G5	X401	*F2
Q1408	*C6	RB908	*J3	RB1827	*G5	X1500	D8
Q1900	*E2	RB909	*J3	RB1828	*G6	X1502	D8
Q1901	*E2	RB910	*J4	RB1829	*G6	X1503	D8
Q1902	*D2	RB911	*J4	RB1830	*F5	X1504	E8
Q1903	*D2	RB912	*J5	RB1831	*F4	X1505	E8
Q1904	*F2	RB913	*J5	RB2000	D1	X1506	D8
Q1905	*E2	RB914	*J4	RB2001	D1		
Q1906	*F2	RB915	*J5	RB2002	C1		
Q1907	*F8	RB920	*G4	RB2003	J1		
Q1908	*F6	RB921	*G4	RB2004	J1		
Q1909	*J6	RB922	*G4	RB2005	J1		
Q1910	*C6	RB923	*G4	RB2006	H1		
Q1911	*C6	RB1100	H8	RB2007	F1		
		RB1101	H8	RB2008	A9		
RB1	D3	RB1102	H9	RB2009	A9		
RB2	D3	RB1103	H8	RB2010	A9		
RB3	D4	RB1104	H9	RB2011	J9		
RB4	D4	RB1105	H8	RB2012	J9		
RB5	D4	RB1201	A8	RB2013	J9		
RB6	D4	RB1202	A8	RB2014	J9		
RB7	C4	RB1203	A8				
RB8	C5	RB1204	A8	RV2	A3		
RB9	C5	RB1300	H6	RV5	A5		
RB10	C5	RB1301	J8	RV6	A4		
RB11	C5	RB1302	J8	RV7	A3		
RB12	C6	RB1500	E7	RV8	C3		
RB200	*C2	RB1501	E7	RV9	C5		
RB201	*C2	RB1502	E7	RV10	C4		
RB202	*C1	RB1503	E7	RV11	C4		
RB203	*C1	RB1504	E7	RV200	B2		
RB204	C2	RB1505	E7	RV201	B1		
RB205	C2	RB1506	E6	RV202	B2		
RB206	C2	RB1507	E6	RV203	B1		
RB600	*A7	RB1508	E7	RV204	B2		
RB601	*A7	RB1509	E7	RV205	B2		
RB602	*A7	RB1600	F9	RV206	B2		
RB603	*A7	RB1601	F9	RV207	A2		
RB604	*A7	RB1602	E9	RV208	A2		
RB605	*A7	RB1603	E9	RV209	A1		
RB606	*A7	RB1604	*F7	RV210	A1		
RB607	*A7	RB1605	*F7	RV211	A2		
RB608	*A7	RB1606	*F9	RV500	B2		
RB609	*B7	RB1607	*F9				
RB610	*B7	RB1608	*F8	TP1	A5		
RB611	*B7	RB1609	*F8	TP2	A4		
RB612	*C7	RB1610	*F8	TP3	A4		
RB613	*C7	RB1611	*F8	TP4	C4		
RB614	*C7	RB1612	*F8	TP5	B5		
RB615	*C7	RB1613	*F8	TP6	B5		
RB616	*B7	RB1700	*G3	TP200	A2		
RB617	*H6	RB1701	*H2	TP201	A2		
RB618	*H5	RB1702	*H2	TP202	A1		
RB619	*H6	RB1703	*H2	TP203	A2		
RB620	*H6	RB1704	*G2	TP204	A2		
RB621	*H6	RB1705	*G2	TP205	A2		
RB622	*H6	RB1706	*H3	TP206	A1		
RB623	*H5	RB1707	*H2	TP400	*E2		
RB624	*H5	RB1708	*H2	TP401	*E2		

VPR-53 -B SIDE-
SUFFIX: -11



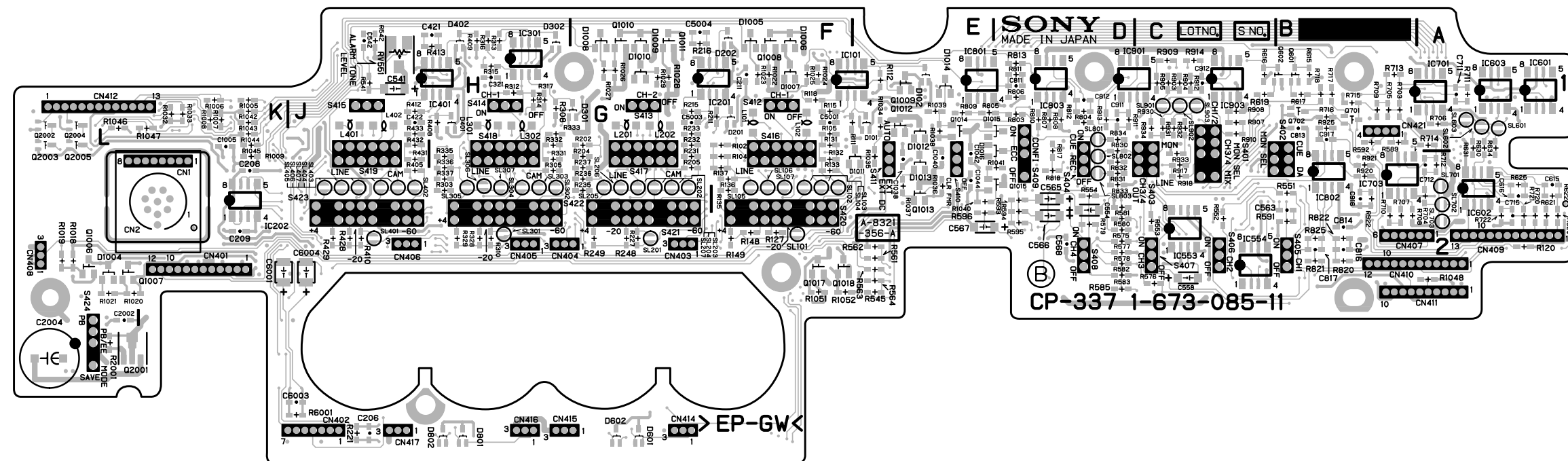
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

CP-337 -A SIDE-
SUFFIX: -11

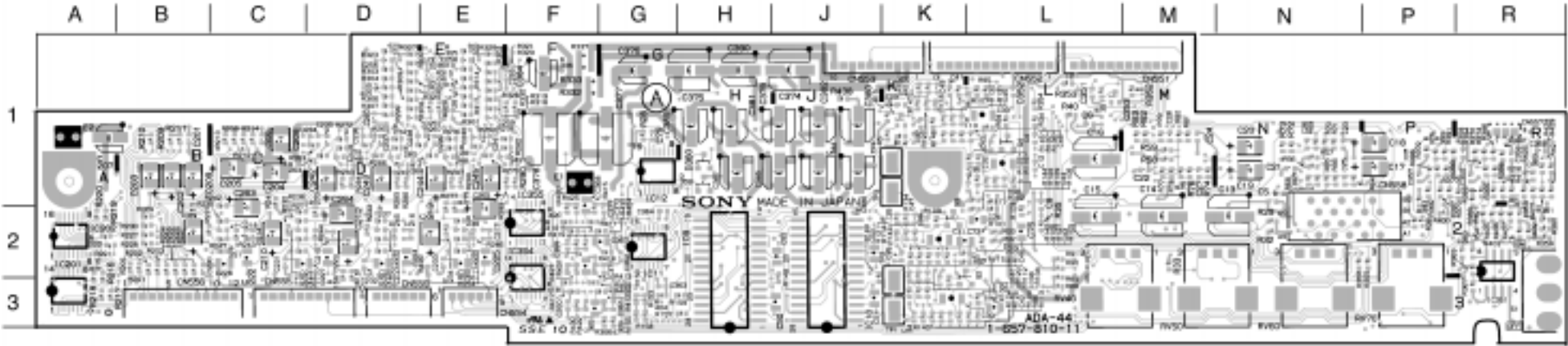
CP-337(1-673-085-11)

*:B SIDE

CN401	K2	D1011	*E2	L202	*G1	Q2003	*L1	SL107	*F2
CN402	J2	D1012	*E1	L203	J2	Q2004	*L1	SL201	*G2
CN403	G2	D1013	*E2	L204	J2	Q2005	*L1	SL202	*G2
CN404	H2	D1014	*E1	L301	*H1			SL203	*G2
CN405	H2	D1015	*D1	L302	*H1	RV551	*J1	SL204	*G2
CN406	J2	D1016	*D1	L401	*J1			SL205	*G2
CN407	B2			L402	*J1	S401	C2	SL206	*G2
CN408	L2	E551	J1	L6000	J2	S402	B2	SL207	*G2
CN409	A2			L6001	J2	S403	C2	SL301	*H2
CN410	B2	IC101	*F1			S404	D2	SL302	*H2
CN411	A2	IC201	*G1	Q601	*B1	S405	B2	SL303	*H2
CN412	L1	IC202	*K2	Q602	*B1	S406	C2	SL304	*H2
CN414	G2	IC301	*H1	Q701	*B1	S407	C2	SL305	*H2
CN415	H2	IC401	*J1	Q702	*B1	S408	D2	SL306	*H2
CN416	H2	IC551	E2	Q801	D1	S409	D2	SL307	*H2
CN417	J2	IC552	D2	Q802	D2	S410	E2	SL401	*J2
CN421	B1	IC553	*C2	Q901	C2	S411	E2	SL402	*J2
		IC554	*C2	Q902	C1	S412	F1	SL403	*J2
D101	*E1	IC601	*A1	Q1003	J1	S413	G1	SL404	*J2
D102	*E1	IC602	*A2	Q1005	K1	S414	H1	SL405	*J2
D201	*F1	IC603	*A1	Q1006	*L2	S415	J1	SL406	*J2
D202	*F1	IC701	*A1	Q1007	*L2	S416	F2	SL407	*J2
D301	*G1	IC703	*B2	Q1008	*F1	S417	G2	SL601	*A1
D302	*H1	IC801	*E1	Q1009	*E1	S418	H2	SL602	*A1
D401	*H1	IC802	*B2	Q1010	*G1	S419	J2	SL603	*A1
D402	*H1	IC803	*D1	Q1011	*G1	S420	F2	SL701	*A2
D601	*G2	IC901	*D1	Q1012	*E1	S421	G2	SL702	*A2
D602	*G2	IC903	*C1	Q1013	*E2	S422	H2	SL703	*A2
D801	*H2	IC1001	K1	Q1014	*E1	S423	J2	SL801	*D1
D802	*H2	IC1004	K1	Q1015	*D2	S424	L2	SL802	*D2
D1004	*L2	IC1007	L1	Q1016	J1			SL803	*D2
D1005	*F1	IC2001	L2	Q1017	*F2	SL101	*F2	SL901	*C1
D1006	*F1	IC6000	J2	Q1018	*F2	SL102	*F2	SL902	*C1
D1007	*F1			Q1019	G1	SL103	*F2	SL903	*C1
D1008	*G1	L101	*F1	Q1020	G1	SL104	*F2		
D1009	*G1	L102	*F1	Q2001	*L2	SL105	*F2	TP551	J1
D1010	*G1	L201	*G1	Q2002	*L1	SL106	*F2		

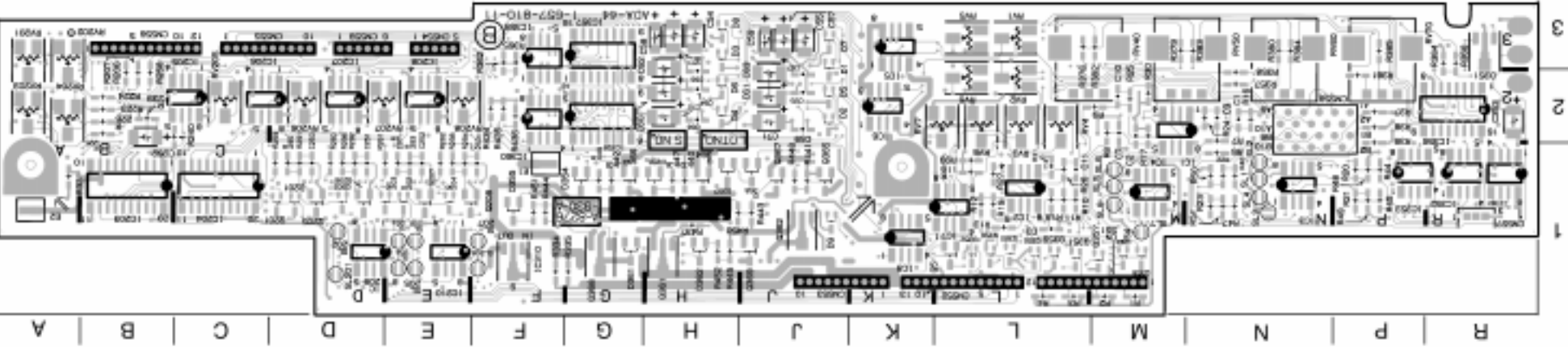


CP-337 -B SIDE-
SUFFIX: -11



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

ADA-44 -A SIDE-
SUFFIX: -11

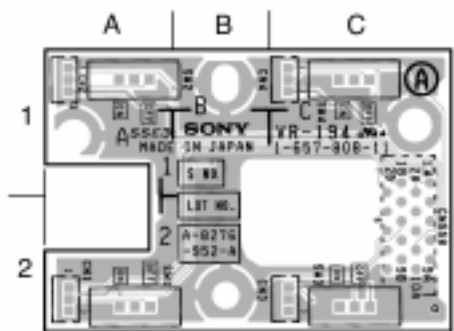


ADA-44 -B SIDE-
SUFFIX: -11

ADA-44(1-657-810-11)

*:B SIDE

CN551	M1	IC358	*G2
CN552	L1	IC359	*F2
CN553	J1	IC360	*F2
CN554	E3	IC361	*R1
CN555	D3		
CN556	B3	Q1	K1
CN557	*R1	Q2	K2
CN558	N2	Q3	K2
CN559	D3	Q4	L1
		Q5	*L1
D1	*J2	Q201	*D1
D2	*J2	Q202	*D1
D3	*H3	Q203	*E1
D4	*H2	Q204	*E1
D5	*J2	Q205	*D1
D6	*H2	Q206	*D1
D7	*J3	Q207	*E1
D8	*H3	Q208	*F1
D9	*J1	Q351	*L1
D201	*D1	Q352	*L1
D202	*E1	Q353	L1
D351	*R3	Q354	*M1
D354	*G1	Q355	*L1
D355	*F1	Q356	*L1
D356	*H1	Q357	*M1
D357	*H1	Q358	*M1
D358	*J1	Q359	*L1
D359	H1	Q360	*L1
D360	H1	Q361	*H1
D361	*G1	Q362	*J1
D362	*H1	Q364	*H1
		Q365	*J1
E1	F1	Q366	*G1
E2	A1	Q367	*J1
		Q368	*G1
		Q369	*J1
IC1	*N2		
IC2	*L1		
IC3	*N1	RV1	*L3
IC4	*M1	RV2	*L2
IC5	*K3	RV3	*L2
IC6	*K2	RV4	*L2
IC7	*L1	RV5	*L3
IC8	*K1	RV6	*L2
IC9	H3	RV7	*L2
IC10	J3	RV8	*L2
IC11	G2	RV40	L3
IC12	G1	RV50	N3
IC201	A3	RV60	N3
IC202	A2	RV70	P3
IC203	*B1	RV201	*A3
IC204	*C1	RV202	*A3
IC205	*C2	RV203	*A2
IC206	*D2	RV204	*A2
IC207	*D2	RV205	*C2
IC208	*E2	RV206	*D2
IC209	*D1	RV207	*E2
IC210	*E1	RV208	*E2
IC310	*F1		
IC351	R3	S1	R3
IC352	*R1		
IC353	*P1	T1	K3
IC354	F3	T2	K3
IC355	F2	T3	K1
IC356	*R2	T4	K1
IC357	*G2		



VR-194 -A SIDE-
SUFFIX: -11

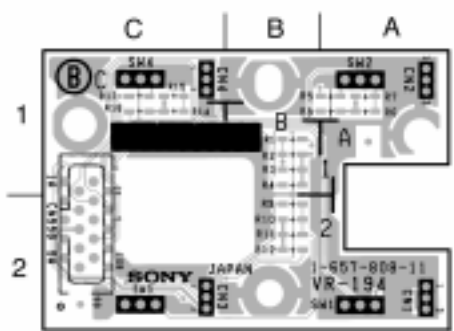
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

VR-194(1-657-808-11)

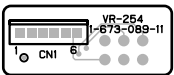
*:B SIDE

CN1 A2
CN2 A1
CN3 C2
CN4 C1
CN558 *C2

SW1 A2
SW2 A1
SW3 C2
SW4 C1

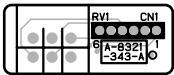


VR-194 -B SIDE-
SUFFIX: -11

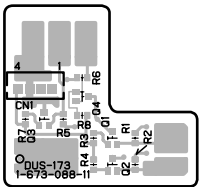


VR-254 -A SIDE-
SUFFIX: -11

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

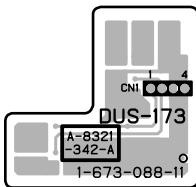


VR-254 -B SIDE-
SUFFIX: -11



DUS-173 -A SIDE-
SUFFIX: -11

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



DUS-173 -B SIDE-
SUFFIX: -11

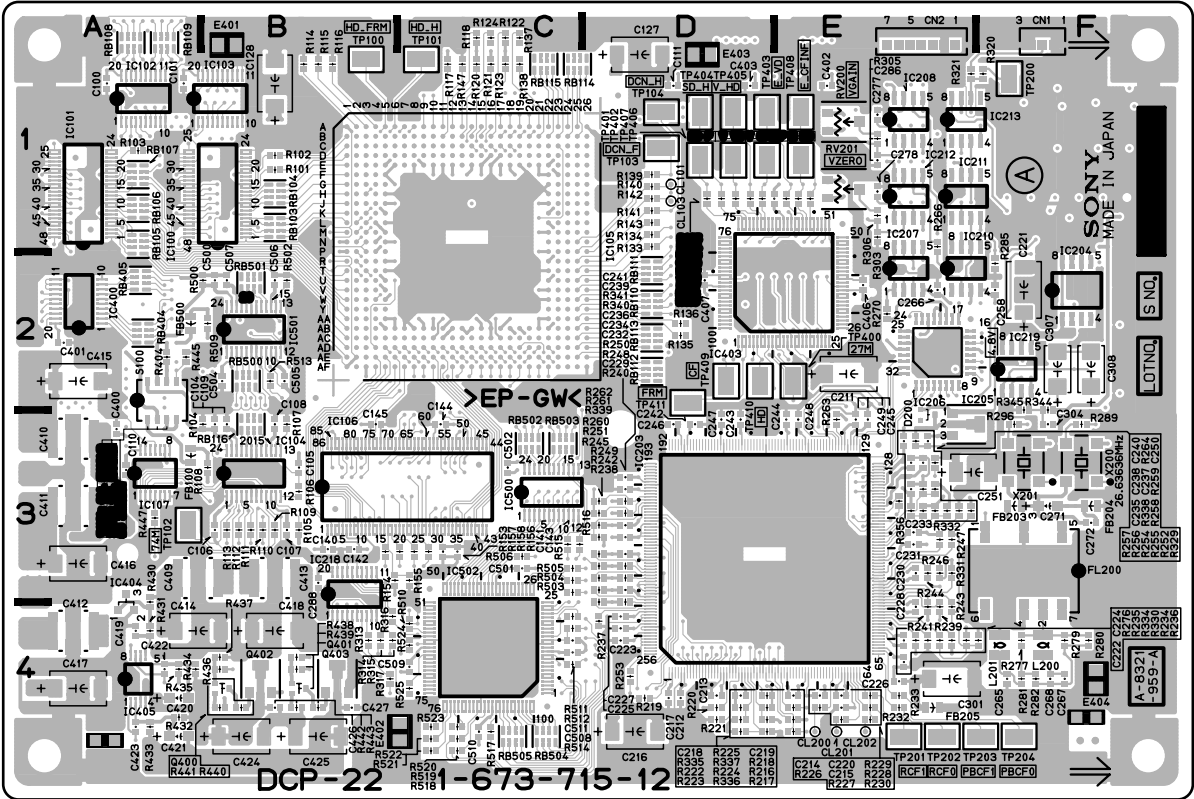


VR-206 -A SIDE-
SUFFIX: -11

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

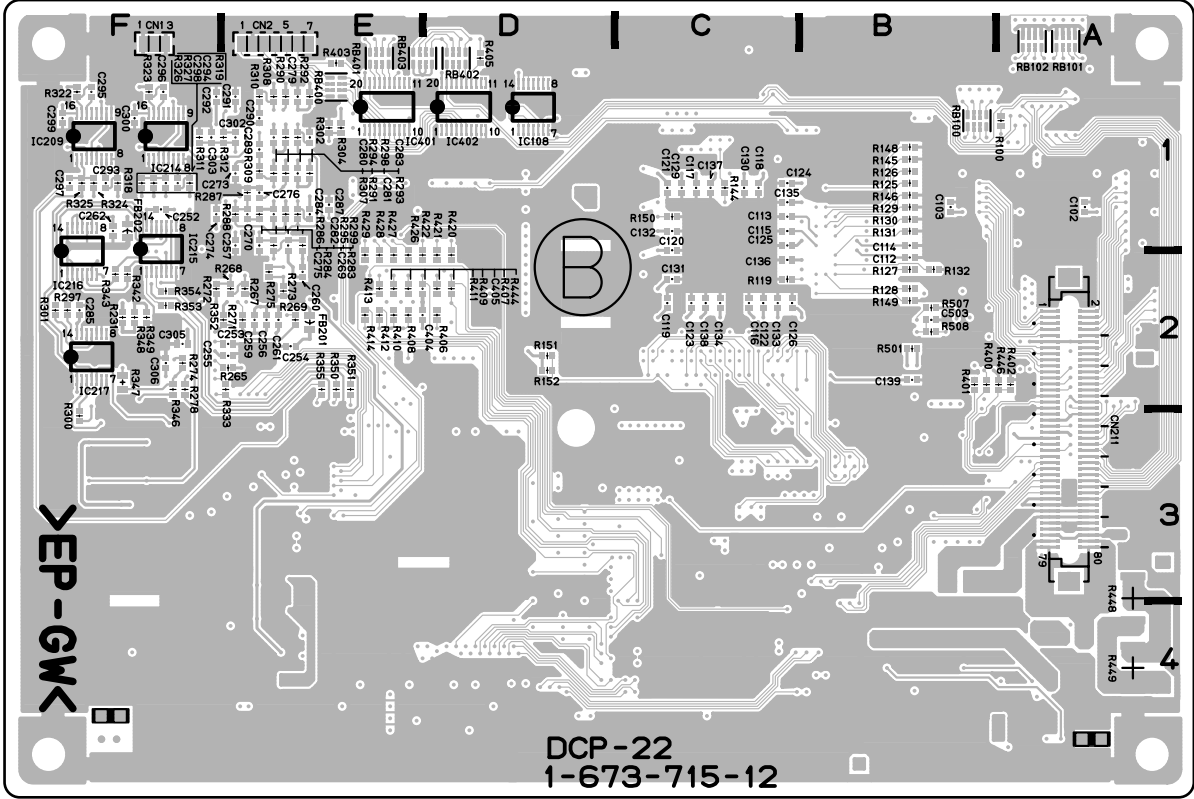


VR-206 -B SIDE-
SUFFIX: -11



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

DCP-22 -A SIDE-
SUFFIX: -12

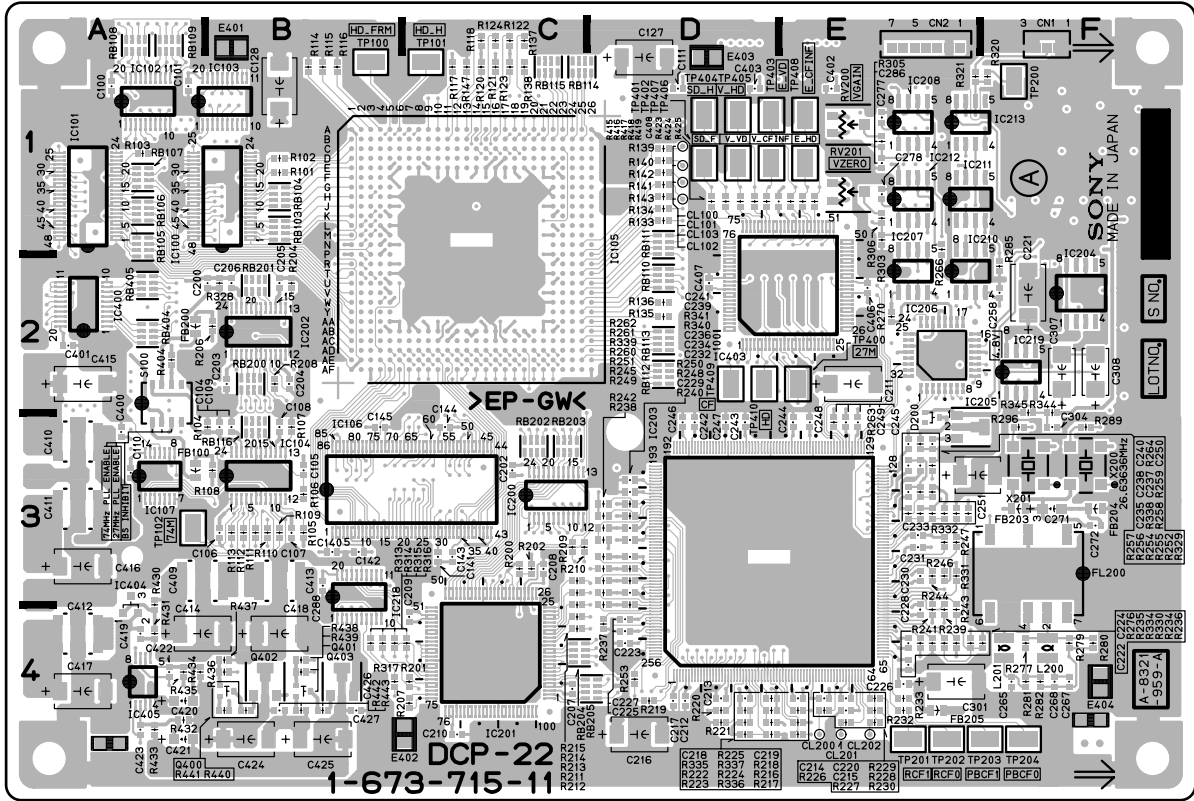


DCP-22 -B SIDE-
SUFFIX: -12

DCP-22(1-673-715-12)

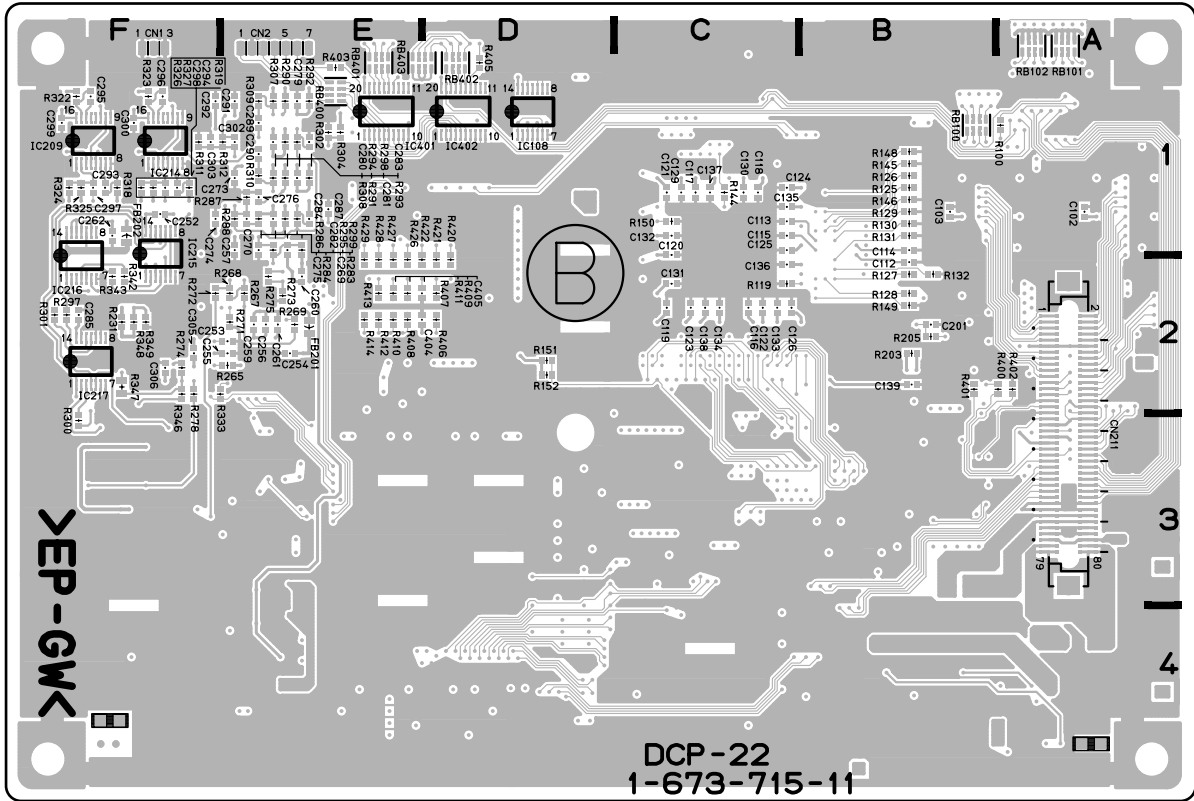
*:B SIDE

CL101	D1	IC203	D3	RB101	*A1	TP102	A3
CL103	D1	IC204	F2	RB102	*A1	TP103	D1
CL200	E4	IC205	E3	RB103	B1	TP104	D1
CL201	E4	IC206	E2	RB104	B1	TP200	F1
CL202	E4	IC207	E2	RB105	A1	TP201	E4
		IC208	E1	RB106	A1	TP202	E4
CN1	F1	IC209	*F1	RB107	A1	TP203	F4
CN2	E1	IC210	E2	RB108	A1	TP204	F4
CN211	*A3	IC211	E1	RB109	A1	TP400	E2
		IC212	E1	RB110	D2	TP401	D1
D200	E3	IC213	E1	RB111	D2	TP402	D1
		IC214	*F1	RB112	D2	TP403	D1
E401	B1	IC215	*F2	RB113	D2	TP404	D1
E402	C4	IC216	*F2	RB114	C1	TP405	D1
E403	D1	IC217	*F2	RB115	C1	TP406	E1
E404	F4	IC218	B4	RB116	B3	TP407	D1
		IC219	F2	RB400	*E1	TP408	E1
FB100	A3	IC400	A2	RB401	*E1	TP409	D2
FB201	*E2	IC401	*E1	RB402	*D1	TP410	D2
FB202	*F1	IC402	*D1	RB403	*D1	TP411	D2
FB203	F3	IC403	E2	RB404	A2		
FB204	F3	IC404	A3	RB405	A2	X200	F3
FB205	E4	IC405	A4	RB500	B2	X201	F3
FB500	A2	IC500	C3	RB501	B2		
		IC501	B2	RB502	C3		
FL200	F3	IC502	C4	RB503	C3		
				RB504	C4		
				RB505	C4		
IC100	B1	L200	F4				
IC101	A1	L201	F4				
IC102	A1			RV200	E1		
IC103	A1	Q400	B4	RV201	E1		
IC104	B3	Q401	B4				
IC105	C1	Q402	B4	S100	A2		
IC106	B3	Q403	B4				
IC107	A3			TP100	B1		
IC108	*D1	RB100	*B1	TP101	C1		



HDW-250 (J) : S/N 30001 through 30050

DCP-22 -A SIDE-
SUFFIX: -11

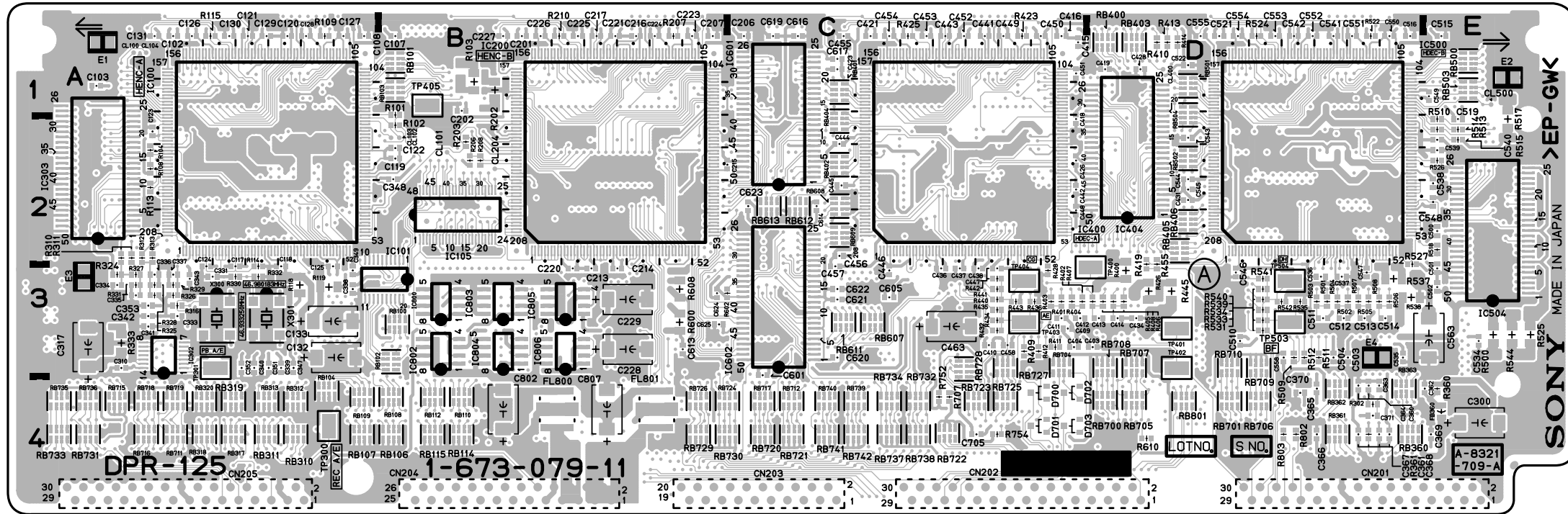


DCP-22 -B SIDE-
SUFFIX: -11

DCP-22(1-673-715-11)

*:B SIDE

CL100	D1	IC108	*D1	RB103	B1	TP400	E2
CL101	D1	IC201	C4	RB104	B1	TP401	D1
CL102	D1	IC203	D3	RB105	A1	TP402	D1
CL103	D1	IC204	F2	RB106	A1	TP403	D1
CL200	E4	IC205	E3	RB107	A1	TP404	D1
CL201	E4	IC206	E2	RB108	A1	TP405	D1
CL202	E4	IC207	E2	RB109	A1	TP406	E1
		IC208	E1	RB110	D2	TP407	D1
CN1	F1	IC209	*F1	RB111	D1	TP408	E1
CN2	E1	IC210	E2	RB112	D2	TP409	D2
CN211	*A3	IC211	E1	RB113	D2	TP410	D2
		IC212	E1	RB114	C1		
D200	E3	IC213	E1	RB115	C1	X200	F3
		IC214	*F1	RB116	B3	X201	F3
E401	B1	IC215	*F2	RB204	C4		
E402	C4	IC216	*F2	RB205	D4		
E403	D1	IC217	*F2	RB400	*E1		
E404	F4	IC218	B4	RB401	*E1		
		IC219	F2	RB402	*D1		
FB100	A3	IC400	A2	RB403	*D1		
FB201	*E2	IC401	*E1	RB404	A2		
FB202	*F1	IC402	*D1	RB405	A2		
FB203	F3	IC403	E2				
FB204	F3	IC404	A3	RV200	E1		
FB205	E4	IC405	A4	RV201	E1		
FL200	F3	L200	F4	S100	A2		
		L201	F4				
IC100	B1			TP100	B1		
IC101	A1	Q400	B4	TP101	C1		
IC102	A1	Q401	B4	TP102	A3		
IC103	A1	Q402	B4	TP200	F1		
IC104	B3	Q403	B4	TP201	E4		
IC105	C1	RB100	*B1	TP202	E4		
IC106	B3	RB101	*A1	TP203	F4		
IC107	A3	RB102	*A1	TP204	F4		



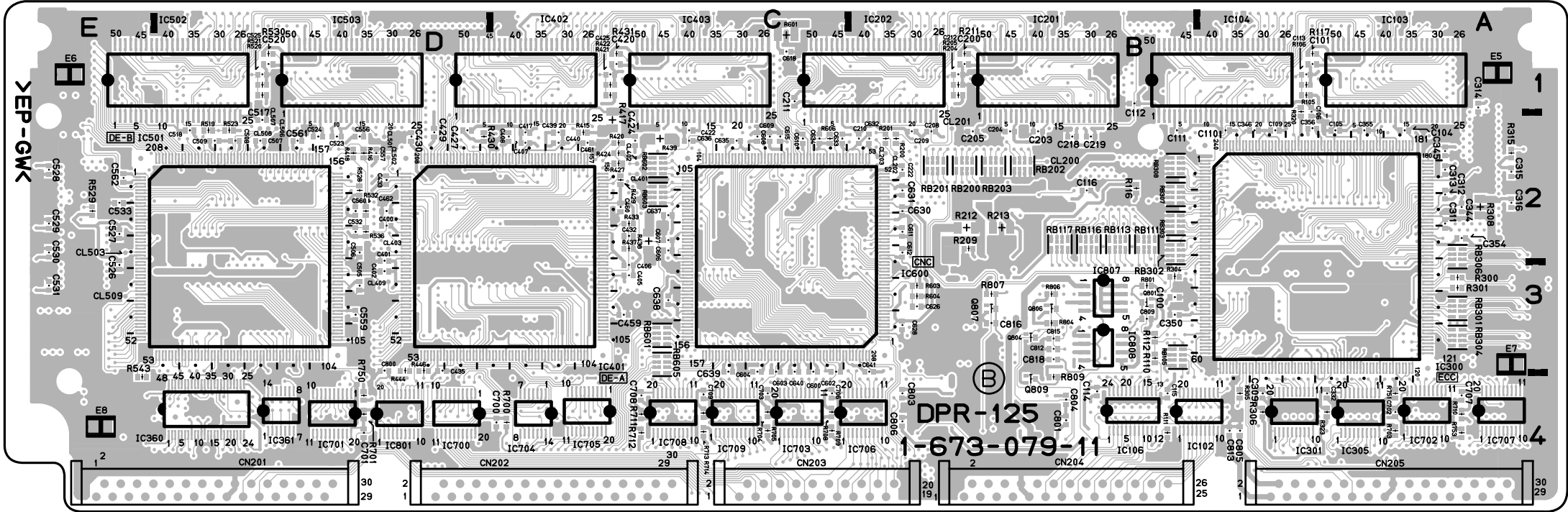
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

DPR-125(1-673-079-11)

*:B SIDE

DPR-125 -A SIDE-SUFFIX: -11

CL100	A1	FL800	B4	IC802	B3	RB312	A4	RB717	C4
CL101	B2	FL801	B4	IC803	B3	RB313	A4	RB718	A4
CL102	B2			IC804	B3	RB317	A4	RB719	A4
CL103	B2	IC100	A2	IC805	B3	RB318	A4	RB720	C4
CL104	A1	IC101	B2	IC806	B3	RB319	A4	RB721	C4
CL200	*B2	IC102	*B4	IC807	*B3	RB320	A4	RB722	C4
CL201	*B2	IC103	*A2	IC808	*B3	RB360	D4	RB723	C4
CL202	*B2	IC104	*B2			RB361	D4	RB724	C4
CL203	*B2	IC105	B2	Q801	*B3	RB362	D4	RB725	C4
CL204	B2	IC106	*B4	Q804	*B3	RB363	D4	RB726	B4
CL400	D1	IC200	B2	Q806	*B3	RB400	D1	RB727	C3
CL401	*C2	IC201	*B2	Q807	*B3	RB401	C1	RB728	C3
CL402	C2	IC202	*C2	Q809	*B4	RB402	C2	RB729	B4
CL403	*D2	IC300	*A2			RB403	D1	RB730	C4
CL409	*D3	IC301	*A4	RB100	B3	RB404	C2	RB731	A4
CL500	E1	IC302	A3	RB101	B1	RB405	D2	RB732	C4
CL501	*D2	IC303	A2	RB102	B3	RB406	D2	RB733	A4
CL502	D2	IC305	*A4	RB103	B1	RB500	E1	RB734	C4
CL503	E2	IC360	*D4	RB104	A4	RB501	D1	RB735	A4
CL506	*D2	IC361	*D4	RB105	*B3	RB502	D2	RB736	A4
CL507	D2	IC400	C2	RB106	B4	RB503	E1	RB737	C4
CL508	D2	IC401	*C2	RB107	A4	RB504	D1	RB738	C4
CL509	E3	IC402	*D2	RB108	B4	RB601	*C3	RB739	C4
		IC403	*C2	RB109	A4	RB602	*C2	RB740	C4
CN201	*D4	IC404	D2	RB110	B4	RB603	*C2	RB741	C4
CN202	*C4	IC500	D2	RB111	*B2	RB605	*C3	RB742	C4
CN203	*C4	IC501	*D2	RB112	B4	RB607	C3	RB801	D4
CN204	*B4	IC502	*E2	RB113	*B2	RB608	C2		
CN205	*A4	IC503	*D2	RB114	B4	RB609	C2	TP300	A4
		IC504	E3	RB115	B4	RB611	C3	TP301	A3
D700	C4	IC600	*C2	RB116	*B2	RB612	C2	TP400	D3
D701	C4	IC601	C2	RB117	*B2	RB613	C2	TP401	D3
D702	C4	IC602	C3	RB200	*B2	RB700	D4	TP402	D3
D703	C4	IC700	*D4	RB201	*B2	RB701	D4	TP403	C3
		IC701	*D4	RB202	*B2	RB704	C3	TP404	C3
E1	A1	IC702	*A4	RB203	*B2	RB705	D4	TP405	B1
E2	E1	IC703	*C4	RB301	*A3	RB706	D4	TP503	D3
E3	A3	IC704	*C4	RB302	*B2	RB707	D3	TP504	D3
E4	D3	IC705	*C4	RB303	*B2	RB708	D3		
E5	*A1	IC706	*C4	RB304	*A3	RB709	D3	X300	A3
E6	*E1	IC707	*A4	RB306	*A2	RB710	D3	X301	A3
E7	*A3	IC708	*C4	RB307	*B2	RB711	A4		
E8	*E4	IC709	*C4	RB308	*B2	RB712	C4		
		IC800	B3	RB310	A4	RB715	A4		
FB360	E4	IC801	*D4	RB311	A4	RB716	A4		

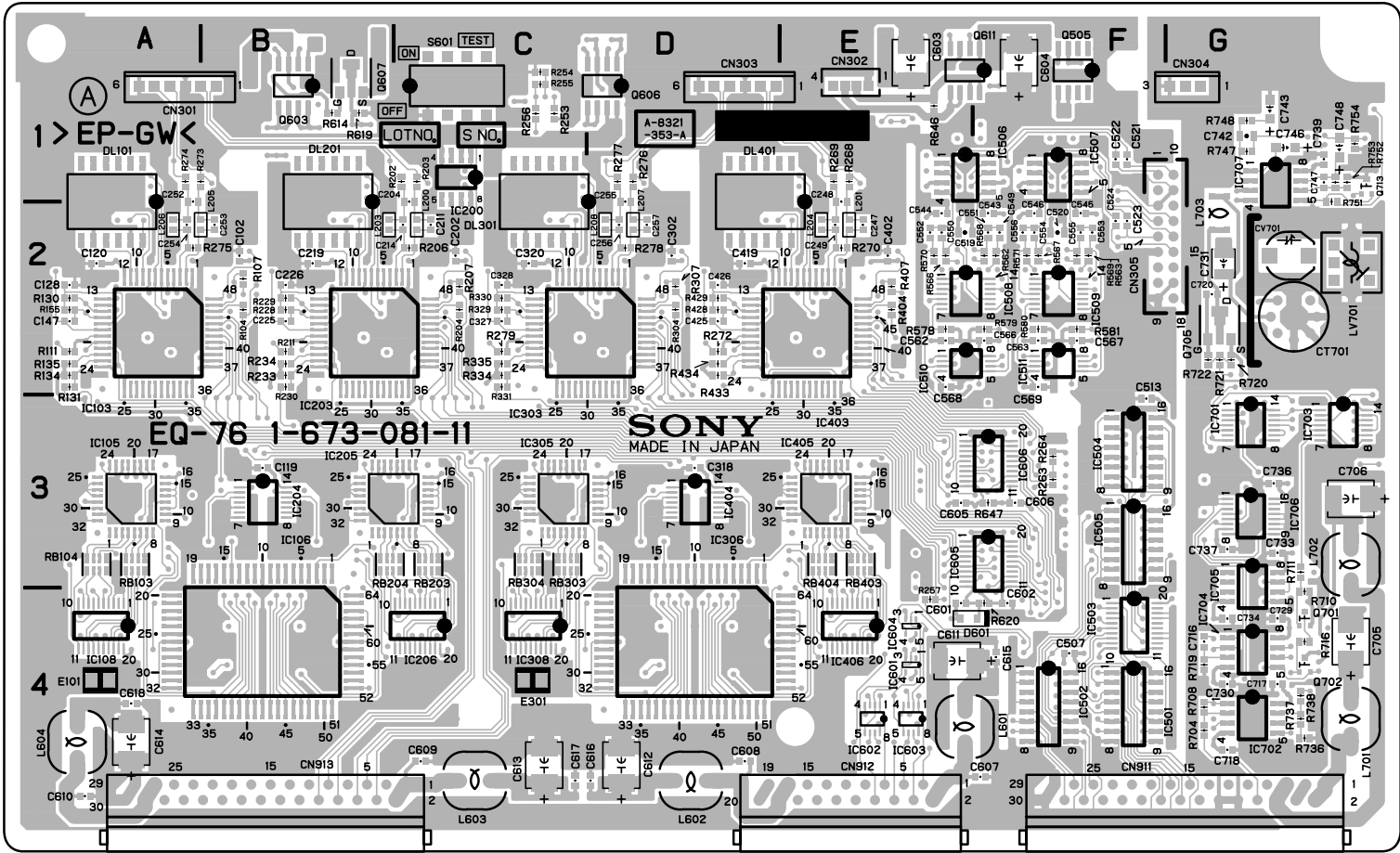


DPR-125 -B SIDE-
SUFFIX: -11

EQ-76(1-673-081-11)

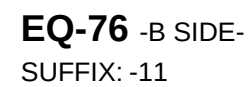
*.B SIDE

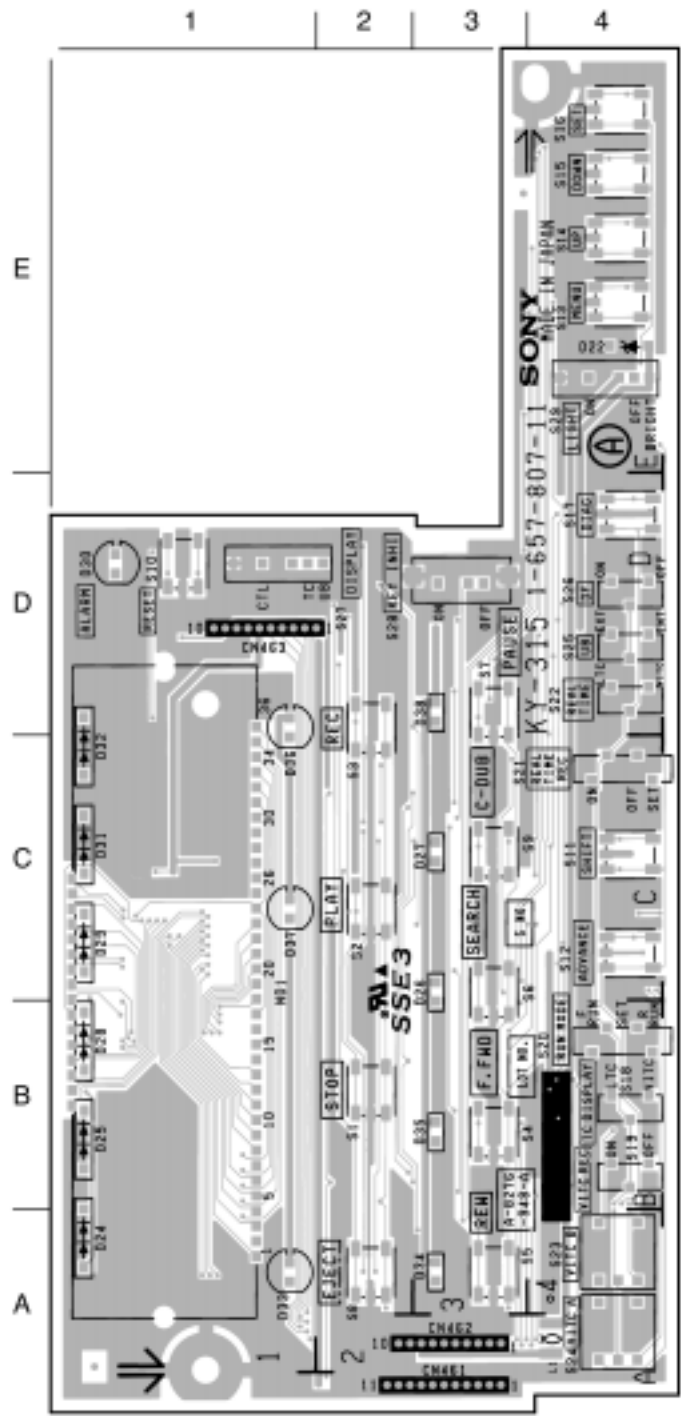
CN301	A1	IC601	E4	Q606	D1
CN302	E1	IC602	E4	Q607	B1
CN303	D1	IC603	E4	Q608	*F1
CN304	G1	IC604	E4	Q609	*E1
CN305	F2	IC605	E3	Q610	*E1
CN911	G4	IC606	E3	Q611	E1
CN912	E4	IC701	G3	Q701	G4
CN913	B4	IC702	G4	Q702	G4
		IC703	G3	Q703	*G3
CT701	G2	IC704	G4	Q704	*G2
		IC705	G3	Q705	G2
CV701	G2	IC706	G3	Q706	*G3
		IC707	G1	Q707	*G4
				Q708	*G2
D101	*B2			Q709	*G2
D102	*A3	L102	*A3	Q710	*G2
D201	*C2	L200	C2	Q711	*G2
D202	*B3	L201	E2	Q712	*G1
D301	*D2	L202	*B3	Q713	G1
D302	*C3	L203	B2		
D401	*E2	L204	E2		
D402	*E3	L205	A2	RB102	*A3
D601	E4	L206	A2	RB103	A3
D602	*E3	L207	D2	RB104	A3
D701	*G3	L208	D2	RB105	*A4
D702	*G1	L302	*C3	RB106	*A3
		L402	*E3	RB202	*B3
DL101	A1	L601	E4	RB203	C3
DL201	B1	L602	D4	RB204	B3
DL301	C1	L603	C4	RB205	*B4
DL401	D1	L604	A4	RB206	*B3
		L701	G4	RB302	*D3
E101	A4	L702	G3	RB303	C3
E201	*C4	L703	G2	RB304	C3
E301	C4			RB305	*C4
E401	*E4	LV701	G2	RB306	*C3
E701	*G3			RB402	*D3
		Q100	*A2	RB403	E3
IC101	*B2	Q101	*A1	RB404	E3
IC102	*A2	Q102	*A2	RB405	*E4
IC103	A2	Q103	*A2	RB406	*E3
IC105	A3	Q104	*A2	RB601	*E4
IC106	B4	Q105	*A2		
IC108	A4	Q106	*A2	RV103	*A3
IC200	C1	Q200	*B2	RV200	*C1
IC201	*C2	Q201	*B1	RV201	*E1
IC202	*B2	Q202	*B2	RV202	*A1
IC203	B2	Q203	*B2	RV203	*B3
IC204	B3	Q204	*B2	RV204	*D1
IC205	B3	Q205	*B2	RV303	*C3
IC206	C4	Q206	*B2	RV403	*D3
IC207	*B4	Q207	*C2	RV501	*E2
IC208	*C1	Q208	*C2	RV502	*F2
IC301	*D2	Q209	*C2	RV701	*G4
IC302	*C2	Q210	*C2	RV702	*G4
IC303	D2	Q211	*C2	RV703	*G1
IC305	C3	Q212	*D2	RV704	*G1
IC306	D4	Q213	*D2	RV705	*G1
IC308	C4	Q214	*D2		
IC401	*E2	Q215	*D2	S601	C1
IC402	*E2	Q216	*D2		
IC403	E2	Q301	*C1	TP101	*A3
IC404	D3	Q302	*C2	TP102	*B3
IC405	E3	Q401	*D1	TP201	*C3
IC406	E4	Q402	*E2	TP202	*B3
IC407	*D4	Q501	*E1	TP301	*D3
IC501	F4	Q502	*F1	TP302	*D3
IC502	F4	Q503	*F1	TP401	*E3
IC503	F4	Q504	*F1	TP402	*D3
IC504	F3	Q505	F1	TP701	*G4
IC505	F3	Q506	*E2	TP702	*G3
IC506	E1	Q507	*E3	TP703	*G4
IC507	F1	Q601	*B1	TP704	*G2
IC508	E2	Q602	*B1	TP705	*G1
IC509	F2	Q603	B1	TP706	*G1
IC510	E2	Q604	*D1	TP707	*G1
IC511	F2	Q605	*C1		



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

EQ-76 -A SIDE-
SUFFIX: -11

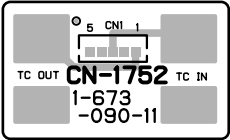




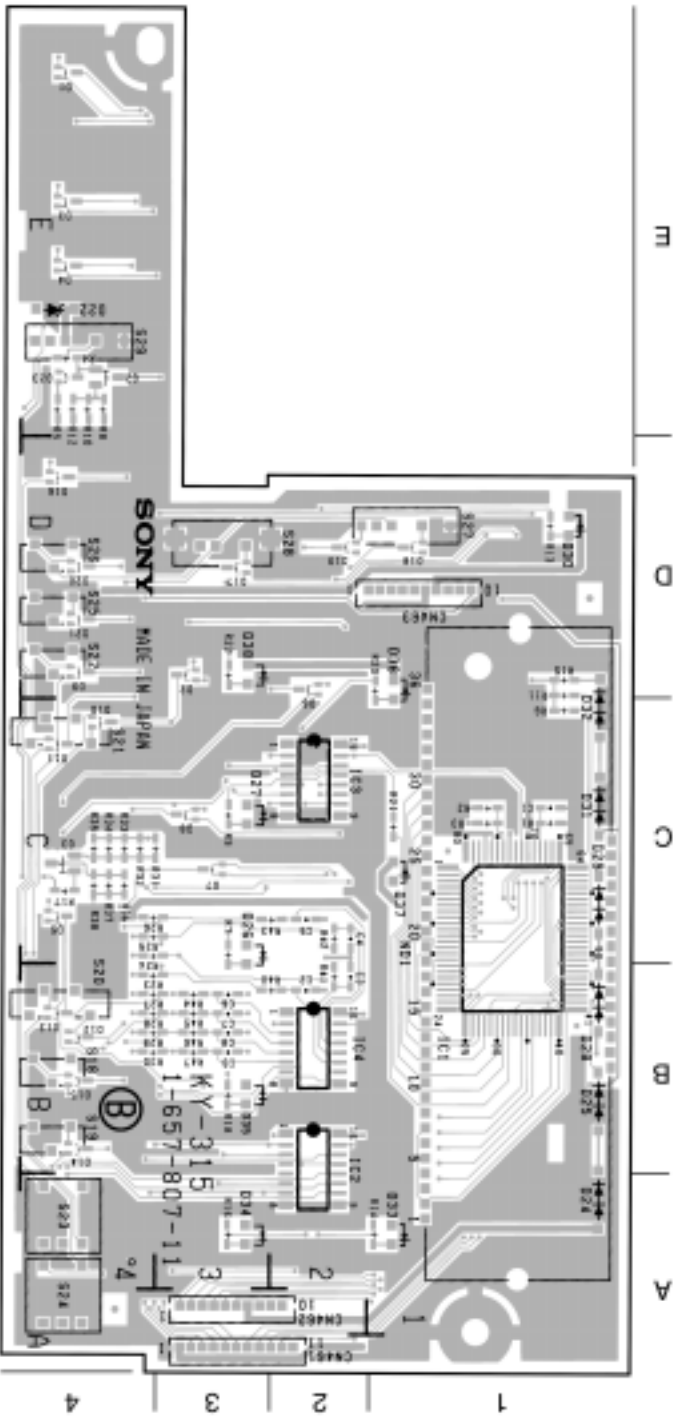
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

KY-315 -A SIDE-
SUFFIX: -11

CN-1752 -A SIDE-
SUFFIX: -11

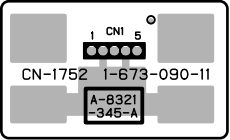


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



KY-315 -B SIDE-
SUFFIX: -11

CN-1752 -B SIDE-
SUFFIX: -11



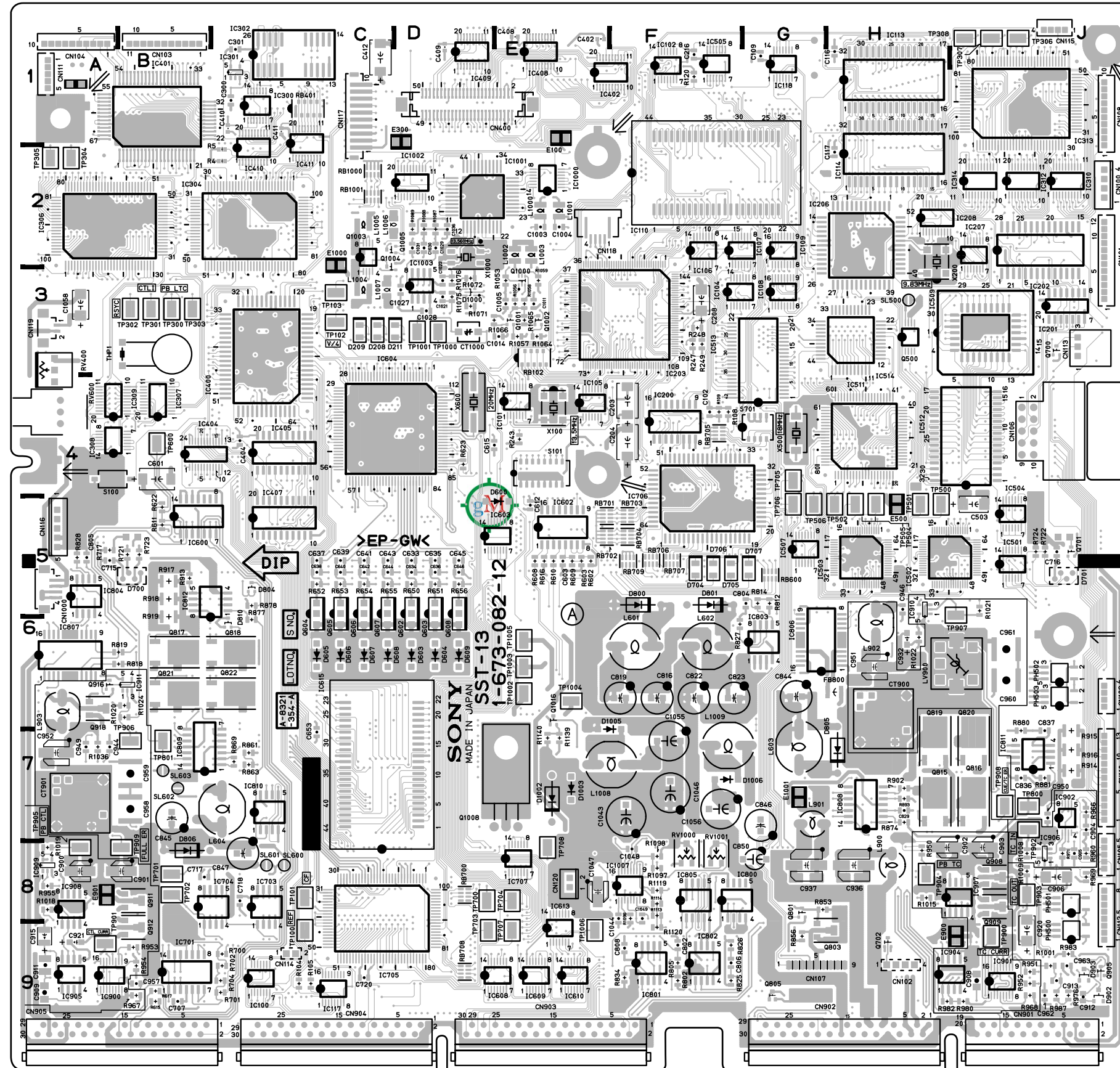
KY-315(1-657-807-11)

*:B SIDE

CN461	*A3	IC1	*C1
CN462	*A3	IC2	*B2
CN463	*D1	IC3	*C2
		IC4	*B2
D1	*E4		
D2	*D3	L1	A4
D3	*E4		
D4	*E4	ND1	C1
D5	*C4		
D6	*D2	Q2	*E4
D7	*C3	Q3	*C4
D8	*C3		
D9	*D4	S1	B2
D10	*C4	S2	C2
D11	*C4	S3	D2
D12	*B4	S4	B3
D13	*B4	S5	A3
D14	*B4	S6	C3
D15	*B4	S7	D3
D16	*D4	S8	A2
D17	*D3	S9	C3
D18	*D1	S10	D1
D19	*D2	S11	C4
D20	*D4	S12	C4
D21	*D4	S13	E4
D22	E4	S14	E4
D23	*E4	S15	E4
D24	A1	S16	E4
D25	B1	S17	D4
D26	C3	S18	B4
D27	C3	S19	B4
D28	B1	S20	B4
D29	C1	S21	C4
D30	D1	S22	D4
D31	C1	S23	A4
D32	C1	S24	A4
D33	A1	S25	D4
D34	A3	S26	D4
D35	B3	S27	D1
D36	D1	S28	D3
D37	C1	S29	E4
D38	D3		

* : B SIDE

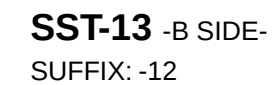
CN100	J2	F8800	H6	IC802	F9
CN101	J2	F8801	*A6	IC803	G6
CN102	*H9	F81000	*E6	IC804	A5
CN103	B1	F81001	*E7	IC805	F8
CN104	A1			IC806	H6
CN105	J8	IC100	C9	IC807	A6
CN106	J4	IC101	E4	IC808	H7
CN107	*G9	IC102	F1	IC809	C7
CN108	J1	IC103	*F4	IC810	C7
CN109	J6	IC104	F3	IC811	J7
CN110	J7	IC105	E4	IC812	C5
CN111	A1	IC106	F2	IC900	A9
CN112	J8	IC107	F2	IC901	J9
CN113	J3	IC108	G3	IC902	J7
CN114	*C9	IC109	G2	IC903	*J9
CN115	J1	IC110	F2	IC904	H8
CN116	A5	IC111	*E1	IC905	A5
CN117	C1	IC113	H1	IC906	J8
CN118	E2	IC114	H2	IC907	J8
CN119	A3	IC115	*H1	IC908	A9
CN120	E8	IC116	*H2	IC909	A8
CN400	D1	IC117	C9	IC910	H5
CN901	J9	IC118	G1	IC911	B6
CN902	H9	IC200	F4	IC1000	E2
CN903	E9	IC201	J3	IC1001	D2
CN904	C9	IC202	J3	IC1002	D2
CN905	B9	IC203	F3	IC1003	D3
CN1000	A5	IC204	*C4	IC1004	*D2
		IC205	*C3	IC1007	F8
CT900	H6	IC206	H2		
CT901	AT	IC207	J3	L500	*H4
CT1000	D3	IC208	H2	L601	F6
		IC300	C1	L602	F6
D200	*J2	IC301	C1	L603	G7
D201	*J2	IC302	C1	L604	C7
D202	*J2	IC303	*C2	L900	H8
D203	*J2	IC304	C2	L901	G7
D204	*J2	IC305	*C1	L902	H6
D205	*J2	IC306	A2	L903	A6
D206	*J2	IC307	B4	L1000	E2
D207	*J2	IC308	B4	L1001	E2
D208	C3	IC309	B4	L1002	E2
D209	C3	IC310	J2	L1003	E2
D210	*F3	IC312	J2	L1004	C3
D211	D3	IC313	J1	L1005	C2
D600	E5	IC314	J2	L1006	C2
D601	*D5	IC400	C3	L1007	C3
D602	*C5	IC401	B1	L1008	F7
D603	D6	IC402	E1	L1009	F7
D604	D6	IC403	*B1		
D605	C6	IC404	B4	LV900	J6
D606	C6	IC405	C4		
D607	C6	IC406	*B4	PH500	J9
D608	C6	IC407	C5	PH501	J8
D609	D6	IC408	E1	PH502	J6
D700	*B5	IC409	D1	PH503	J6
D701	*J5	IC410	C2		
D702	*C8	IC411	C2	Q100	*F4
D703	*B8	IC500	H5	Q500	H3
D704	F5	IC501	J5	Q600	*D5
D705	F5	IC502	J5	Q601	*D5
D706	F5	IC503	H5	Q602	D5
D707	G5	IC504	J5	Q603	D5
D800	F5	IC505	F1	Q604	C5
D801	F5	IC507	G5	Q605	C5
D802	*G9	IC509	J3	Q606	C5
D803	*J7	IC511	H4	Q607	C5
D804	C5	IC512	J4	Q608	D5
D805	H7	IC513	G4	Q700	J3
D806	B8	IC514	H3	Q701	J5
D807	*J7	IC600	B5	Q702	H9
D808	*C6	IC601	*F5	Q800	*F6
D809	*H7	IC602	E5	Q801	G8
D810	C6	IC603	D5	Q802	*G8
D900	*J7	IC604	C4	Q803	G9
D901	*J7	IC605	*D4	Q804	*F6
D902	J9	IC606	*C5	Q805	G9
D903	J9	IC607	*C5	Q806	*G9
D904	*H6	IC608	D9	Q807	*G7
D905	*B6	IC609	E9	Q808	*C7
D1000	D3	IC610	E9	Q809	*G7
D1002	E7	IC611	*D7	Q810	*C7
D1003	E7	IC612	*D7	Q811	*J7
D1005	F7	IC613	E9	Q812	*H7
D1006		IC615	C7	Q813	*C6
		IC701	B9	Q814	*B6
E100	E1	IC702	*C9	Q815	H7
E300	D1	IC703	C9	Q816	J7
E500	H5	IC704	B9	Q817	B6
E900	J9	IC705	C8	Q818	C6
E901	A8	IC706	F5	Q819	H7
E1000	C2	IC707	E8	Q820	J7
E1001	G7	IC800	F8	Q821	B6
		IC801	F9	Q822	C6



SST-13 -A SIDE-SUFFIX: -12

4-18 (b)

HDW-250

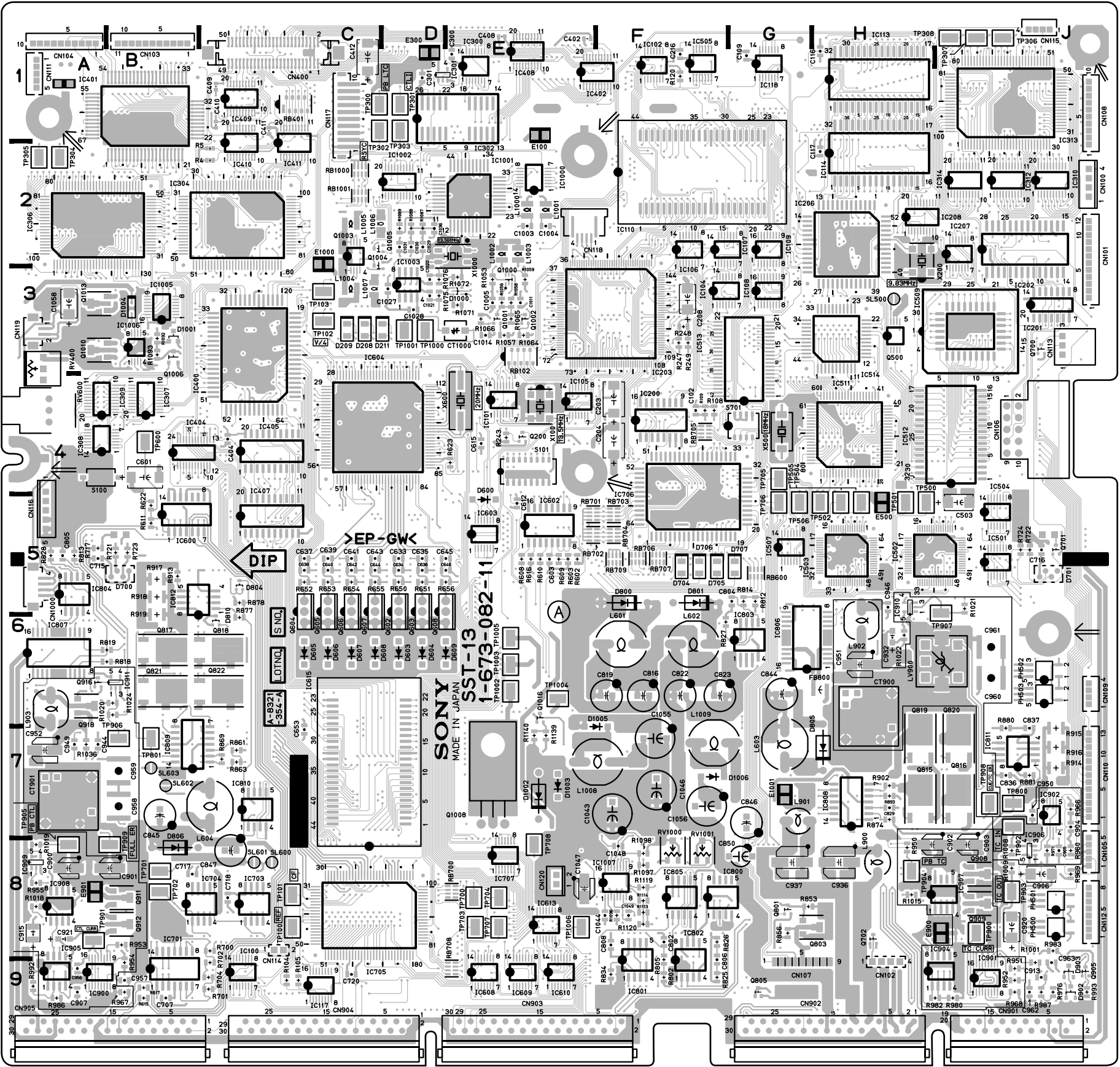


Q823	*H7	S701	G4
Q824	*J6		
Q825	*B7	SL500	H3
Q826	*C6	SL600	C8
Q900	*J8	SL601	C8
Q901	*B9	SL602	B7
Q902	*B9	SL603	B7
Q903	*J9		
Q904	*J9	THP1	B3
Q905	J9		
Q906	*J8	TP100	C9
Q907	*B8	TP101	C8
Q908	J8	TP102	C3
Q909	J8	TP103	C3
Q910	*J9	TP300	B3
Q911	B8	TP301	B3
Q912	B9	TP302	B3
Q913	*H6	TP303	B3
Q914	*A6	TP304	A2
Q915	*H5	TP305	A2
Q916	A6	TP306	J1
Q917	*H5	TP307	J1
Q918	A6	TP308	J1
Q919	*H6	TP500	H5
Q920	*H6	TP501	H5
Q921	*A7	TP502	H5
Q922	*A7	TP504	H5
Q1000	E3	TP505	H5
Q1001	E3	TP506	G5
Q1002	E3	TP600	B4
Q1003	C2	TP700	D8
Q1004	C2	TP701	B8
Q1005	C2	TP702	B8
Q1007	*E7	TP703	D9
Q1008	E7	TP704	E8
Q1009	*F7	TP705	G4
Q1011	*F7	TP706	G5
Q1014	*E7	TP707	E9
Q1015	*E7	TP708	E8
Q1016	E6	TP800	J7
		TP801	B7
RB100	*E3	TP900	J9
RB101	*E3	TP901	A9
RB102	E3	TP902	J7
RB103	*G3	TP903	J8
RB104	*F2	TP904	H8
RB105	*F2	TP905	A8
RB106	*F2	TP906	B7
RB107	*E2	TP907	J5
RB108	*E4	TP908	J7
RB200	*F4	TP909	B8
RB300	*A2	TP1000	D3
RB301	*B2	TP1001	D3
RB302	*A2	TP1002	E6
RB303	*J2	TP1003	E6
RB304	*J1	TP1004	E6
RB305	*J2	TP1005	E6
RB306	*J2	TP1006	E9
RB307	*J1		
RB400	*B4	X100	E4
RB401	C1	X200	H2
RB500	*H4	X500	G4
RB501	*J3	X600	D4
RB502	*J3	X1000	D2
RB503	*H4		
RB504	*H4		
RB505	*G3		
RB506	*H3		
RB507	*H4		
RB600	G5		
RB601	*C4		
RB602	*D4		
RB700	D8		
RB701	E5		
RB702	E5		
RB703	F5		
RB704	F5		
RB705	F4		
RB706	F5		
RB707	F5		
RB708	D9		
RB709	F5		
RB710	*F5		
RB1000	C2		
RB1001	C2		
RV400	A3		
RV600	A4		
RV601	*B6		
RV1000	F8		
RV1001	F8		
S100	A4		
S101	E4		

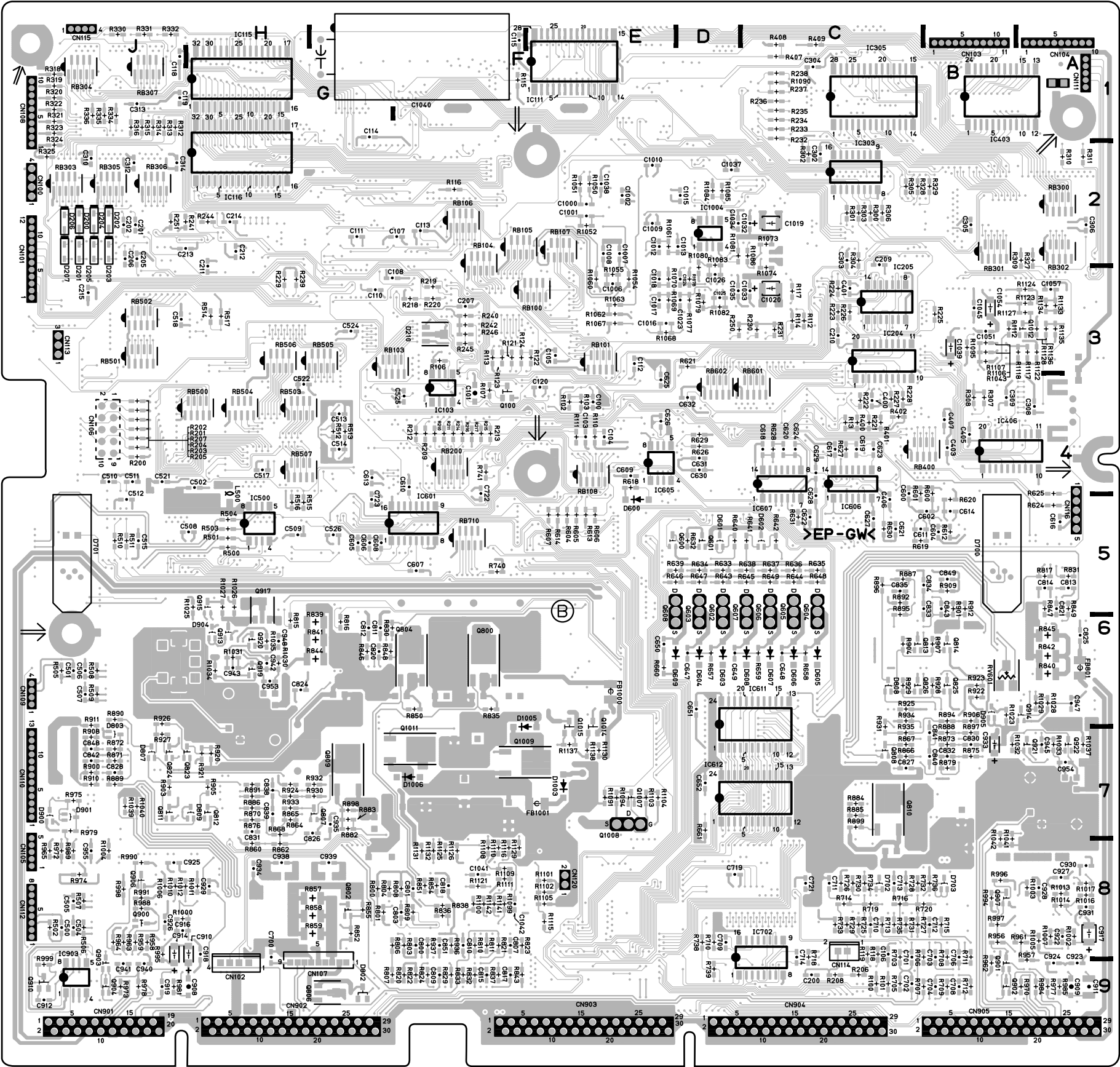
SST-13(1-673-082-11)

*:B SIDE

CN100	J2	E1001	G7	IC800	F8
CN101	J2			IC801	F9
CN102	*H9	FB800	H6	IC802	F9
CN103	B1	FB801	*A6	IC803	G6
CN104	A1	FB1000	*E6	IC804	A5
CN105	J8	FB1001	*E7	IC805	F8
CN106	J4			IC806	H6
CN107	*G9	IC100	C9	IC807	A6
CN108	J1	IC101	E4	IC808	H7
CN109	J6	IC102	F1	IC809	C7
CN110	J7	IC103	*F4	IC810	C7
CN111	A1	IC104	F3	IC811	J7
CN112	J8	IC105	E4	IC812	C5
CN113	J3	IC106	F2	IC900	A9
CN114	*C8	IC107	F2	IC901	J9
CN115	J1	IC108	G3	IC902	J7
CN116	A5	IC109	G2	IC903	*J9
CN117	C1	IC110	F2	IC904	H9
CN118	E2	IC111	*E1	IC905	A9
CN119	A3	IC113	H1	IC906	J8
CN120	E8	IC114	H2	IC907	J8
CN400	C1	IC115	*H1	IC908	A8
CN901	J9	IC116	*H2	IC909	A8
CN902	H9	IC117	C9	IC910	H5
CN903	E9	IC118	G1	IC911	B6
CN904	C9	IC200	F4	IC1000	E2
CN905	B9	IC201	J3	IC1001	E2
CN1000	A5	IC202	J3	IC1002	D2
		IC203	F3	IC1003	D3
CT900	H6	IC204	*C4	IC1004	*D2
CT901	A7	IC205	*C3	IC1005	B3
CT1000	E3	IC206	H2	IC1006	B3
		IC207	J3	IC1007	F8
D200	*J2	IC208	H2		
D201	*J2	IC300	E1	L500	*H4
D202	*J2	IC301	D1	L601	F6
D203	*J2	IC302	D1	L602	F6
D204	*J2	IC303	*C2	L603	G7
D205	*J2	IC304	C2	L604	C7
D206	*J2	IC305	*A1	L900	H8
D207	*J2	IC306	A2	L901	G7
D208	C3	IC307	B4	L902	H6
D209	C3	IC308	B4	L903	A6
D210	*F3	IC309	B4	L1000	E2
D211	D3	IC310	J2	L1001	E2
D600	E5	IC312	J2	L1002	E2
D601	*D5	IC313	J1	L1003	E2
D602	*C5	IC314	J2	L1004	C3
D603	D6	IC400	C3	L1005	C2
D604	D6	IC401	B1	L1006	C2
D605	C6	IC402	E1	L1007	C3
D606	C6	IC403	*B1	L1008	F7
D607	C6	IC404	B4	L1009	F7
D608	C6	IC405	C4		
D609	E6	IC406	*B4	LV900	J6
D700	*B5	IC407	C5		
D701	*J5	IC408	E1	PH500	J8
D702	*C8	IC409	C1	PH501	J8
D703	*B8	IC410	C2	PH502	J6
D704	F5	IC411	C2	PH503	J6
D705	F5	IC500	*H5		
D706	F5	IC501	J5	Q100	*F4
D707	G5	IC502	J5	Q200	E4
D800	F5	IC503	H5	Q500	H3
D801	F5	IC504	J5	Q600	*E5
D802	*G9	IC505	F1	Q601	*D5
D803	*J7	IC507	G5	Q602	D5
D804	C5	IC509	J3	Q603	D5
D805	H7	IC511	H4	Q604	C5
D806	B8	IC512	J4	Q605	C5
D807	*J7	IC513	G4	Q606	C5
D808	*C6	IC514	H3	Q607	C5
D809	*H7	IC600	B5	Q608	E5
D810	C6	IC601	*F5	Q700	J3
D900	*J7	IC602	E5	Q701	J5
D901	*J7	IC603	E5	Q702	H8
D902	J9	IC604	C4	Q800	*F6
D903	J9	IC605	*E4	Q801	G8
D904	*H6	IC606	*C5	Q802	G8
D905	*B6	IC607	*C5	Q803	G8
D1000	E3	IC608	E9	Q804	*F6
D1001	B3	IC609	E9	Q805	G9
D1002	E7	IC610	E9	Q806	*G9
D1003	E7	IC611	*D7	Q807	*G7
D1004	B3	IC612	*D7	Q808	*C7
D1005	F7	IC613	E8	Q809	*G7
D1006	F7	IC615	C7	Q810	*C7
		IC701	B9	Q811	*J7
E100	E1	IC702	*C9	Q812	*H7
E300	D1	IC703	C8	Q813	*C6
E500	H5	IC704	B8	Q814	*B6
E900	J8	IC705	C8	Q815	H7
E901	A8	IC706	F5	Q816	J7
E1000	C2	IC707	E8	Q817	B6

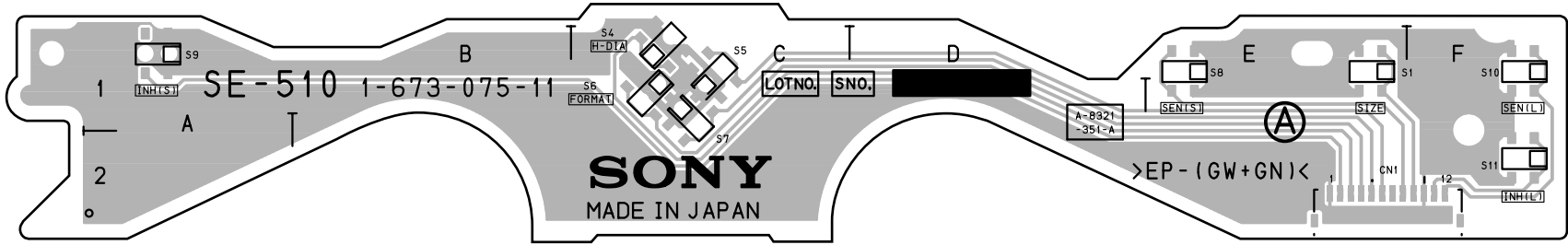


SST-13 -A SIDE-
SUFFIX: -11



SST-13 -B SIDE-
SUFFIX: -11

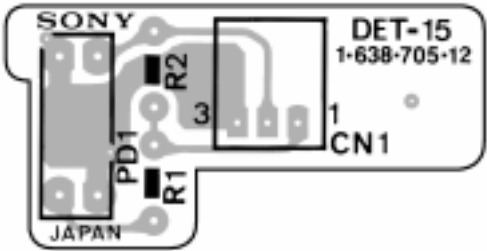
Q818	C6	RV400	A3
Q819	H7	RV600	A4
Q820	J7	RV601	*B6
Q821	B6	RV1000	F8
Q822	C6	RV1001	F8
Q823	*H7		
Q824	*J7	S100	A4
Q825	*B6	S101	E4
Q826	*C6	S701	G4
Q900	*J8		
Q901	*B9	SL500	H3
Q902	*B9	SL600	C8
Q903	*J9	SL601	C8
Q904	*J9	SL602	B7
Q905	J9	SL603	B7
Q906	*J8		
Q907	*B8	TP100	C8
Q908	J8	TP101	C8
Q909	J8	TP102	C3
Q910	*J9	TP103	C3
Q911	B8	TP300	C1
Q912	B8	TP301	D1
Q913	*H6	TP302	C1
Q914	*A6	TP303	D1
Q915	*H5	TP304	A2
Q916	A6	TP305	A2
Q917	*H5	TP306	J1
Q918	A6	TP307	J1
Q919	*H6	TP308	J1
Q920	*H6	TP500	H5
Q921	*A7	TP501	H5
Q922	*A7	TP502	H5
Q1000	E3	TP504	H5
Q1001	E3	TP505	H5
Q1002	E3	TP506	G5
Q1003	C2	TP600	B4
Q1004	C2	TP700	E8
Q1005	C2	TP701	B8
Q1006	B3	TP702	B8
Q1007	*E7	TP703	E8
Q1008	E7	TP704	E8
Q1009	*F7	TP705	G4
Q1010	A3	TP706	G5
Q1011	*F7	TP707	E8
Q1012	*A3	TP708	E8
Q1013	A3	TP800	J7
Q1014	*E7	TP801	B7
Q1015	*E7	TP900	J8
Q1016	E6	TP901	A8
		TP902	J7
RB100	*E3	TP903	J8
RB101	*E3	TP904	H8
RB102	E3	TP905	A8
RB103	*G3	TP906	B7
RB104	*F2	TP907	J5
RB105	*F2	TP908	J7
RB106	*F2	TP909	B8
RB107	*E2	TP1000	D3
RB108	*E4	TP1001	D3
RB200	*F4	TP1002	E6
RB300	*A2	TP1003	E6
RB301	*B2	TP1004	E6
RB302	*A2	TP1005	E6
RB303	*J2	TP1006	E8
RB304	*J1		
RB305	*J2	X100	E4
RB306	*J2	X200	H2
RB307	*J1	X500	G4
RB400	*B4	X600	E4
RB401	C1	X1000	E2
RB500	*H4		
RB501	*J3		
RB502	*J3		
RB503	*H4		
RB504	*H4		
RB505	*G3		
RB506	*H3		
RB507	*H4		
RB600	G5		
RB601	*C4		
RB602	*D4		
RB700	E8		
RB701	E5		
RB702	F5		
RB703	F5		
RB704	F5		
RB705	F4		
RB706	F5		
RB707	F5		
RB708	E9		
RB709	F5		
RB710	*F5		
RB1000	C2		
RB1001	C2		



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

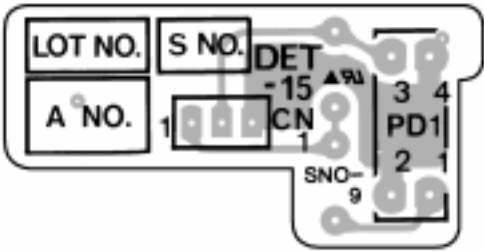
SE-510 -A SIDE-
SUFFIX: -11

SE-510(1-673-075-11)	
*:B SIDE	
CN1	E2
S1	E1
S4	C1
S5	C1
S6	C1
S7	C1
S8	E1
S9	A1
S10	F1
S11	F2

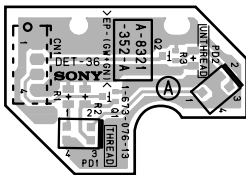


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

DET-15 -A SIDE-
SUFFIX: -12

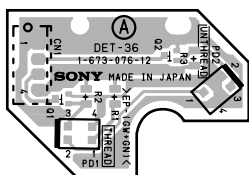


DET-15 -B SIDE-
SUFFIX: -12



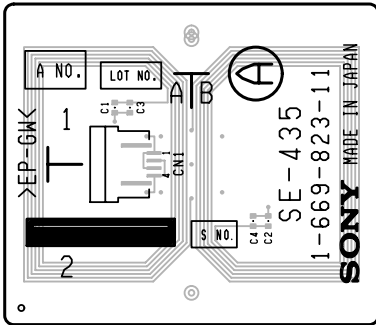
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30016 and Higher

DET-36 -A SIDE-
SUFFIX: -13



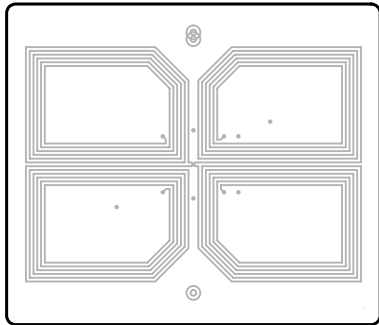
HDW-250 (J) : S/N 30001 through 30015

DET-36 -A SIDE-
SUFFIX: -12

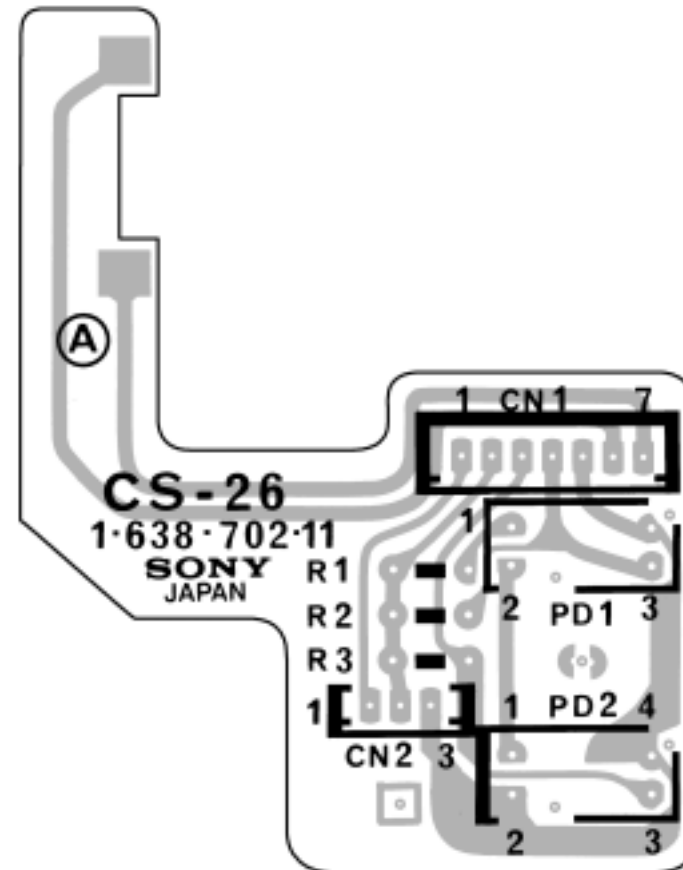


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

SE-435A -A SIDE-
SUFFIX: -11

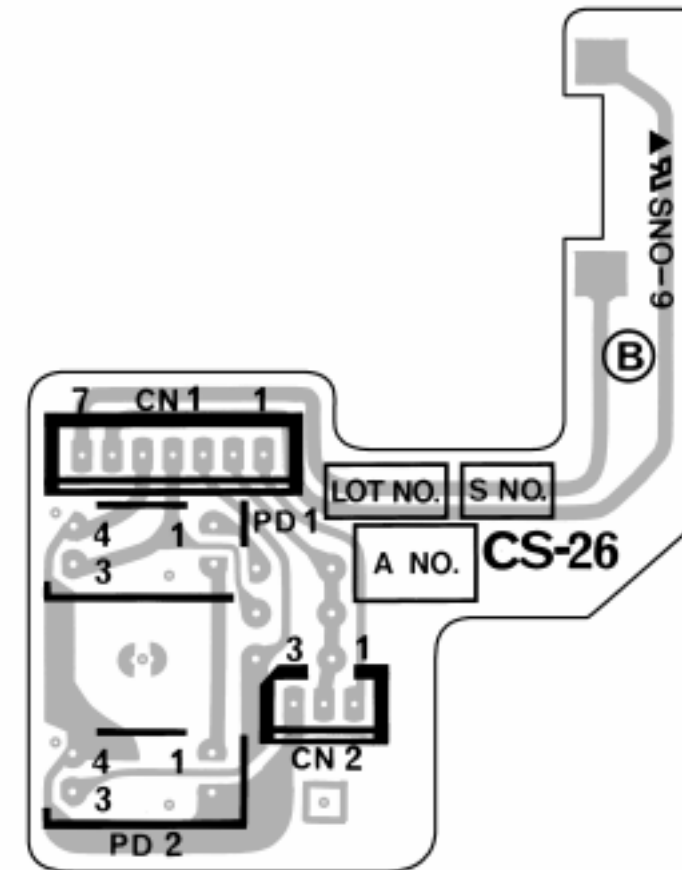


SE-435A -B SIDE-
SUFFIX: -11

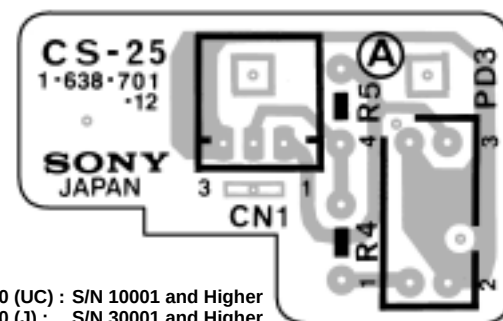


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

CS-26 -A SIDE-
SUFFIX: -11

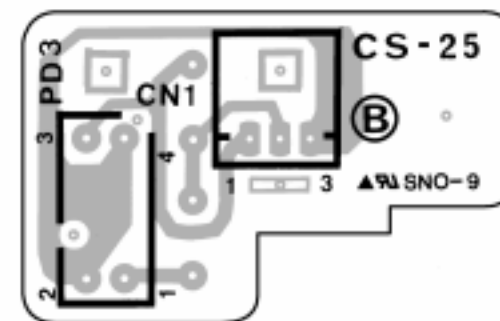


CS-26 -B SIDE-
SUFFIX: -11

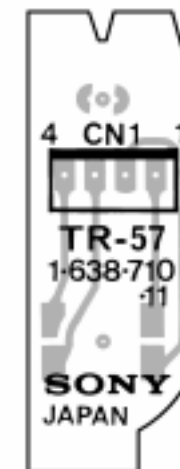


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

CS-25 -A SIDE-
SUFFIX: -12

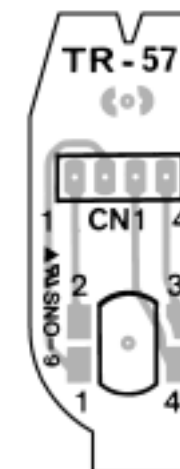


CS-25 -B SIDE-
SUFFIX: -12

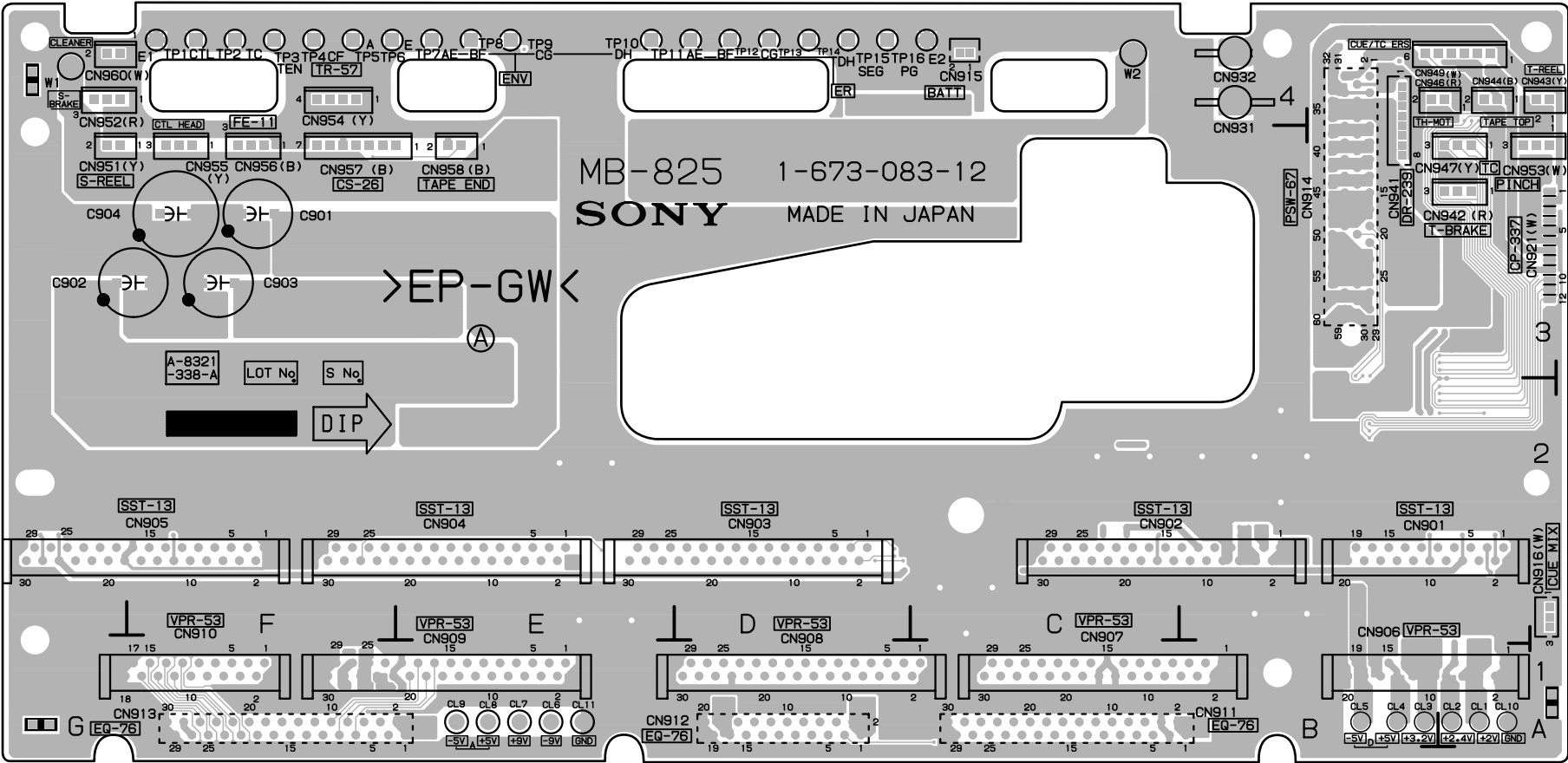


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

TR-57 -A SIDE-
SUFFIX: -11



TR-57 -B SIDE-
SUFFIX: -11



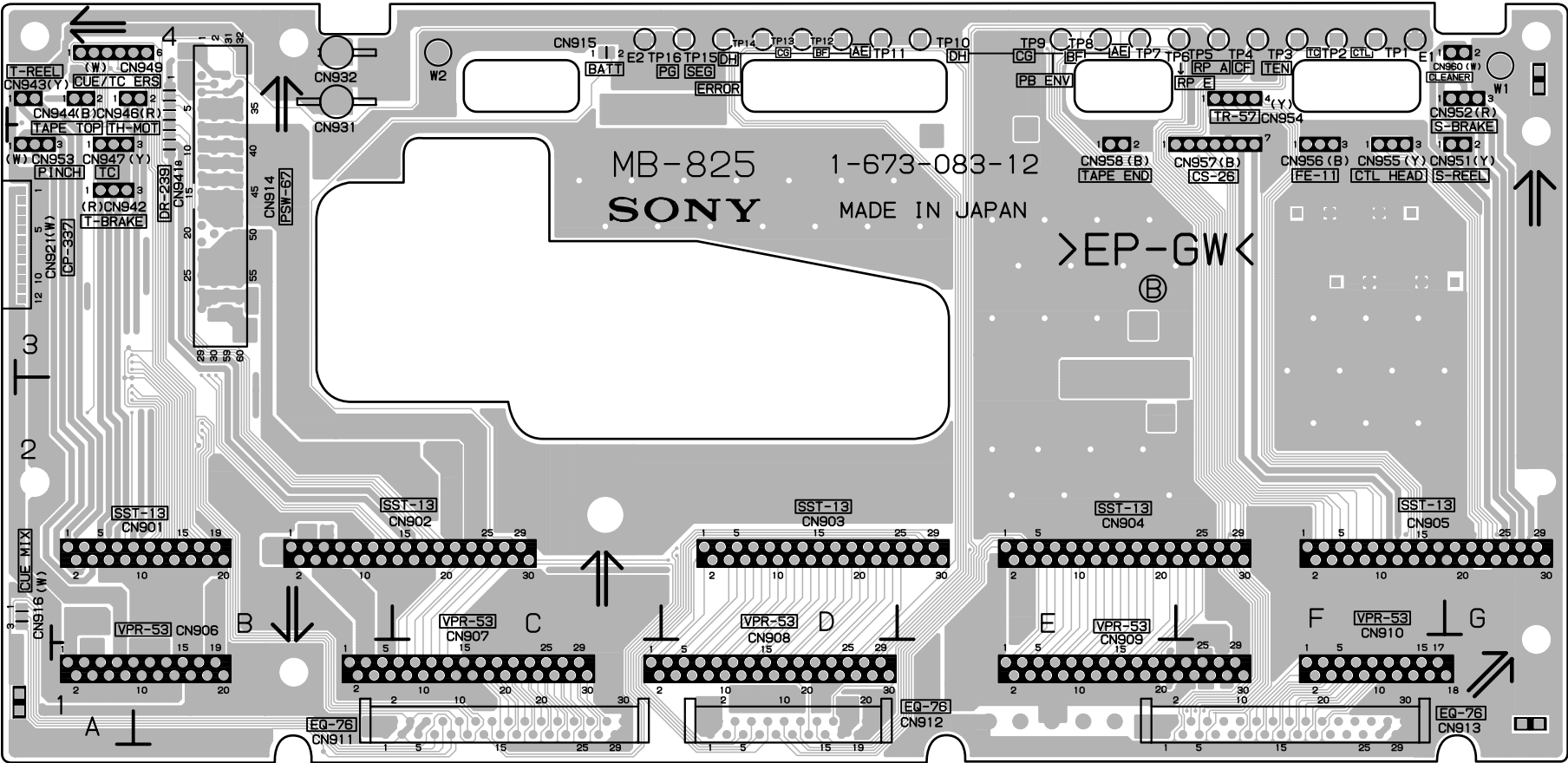
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

MB-825 -A SIDE-
SUFFIX: -12

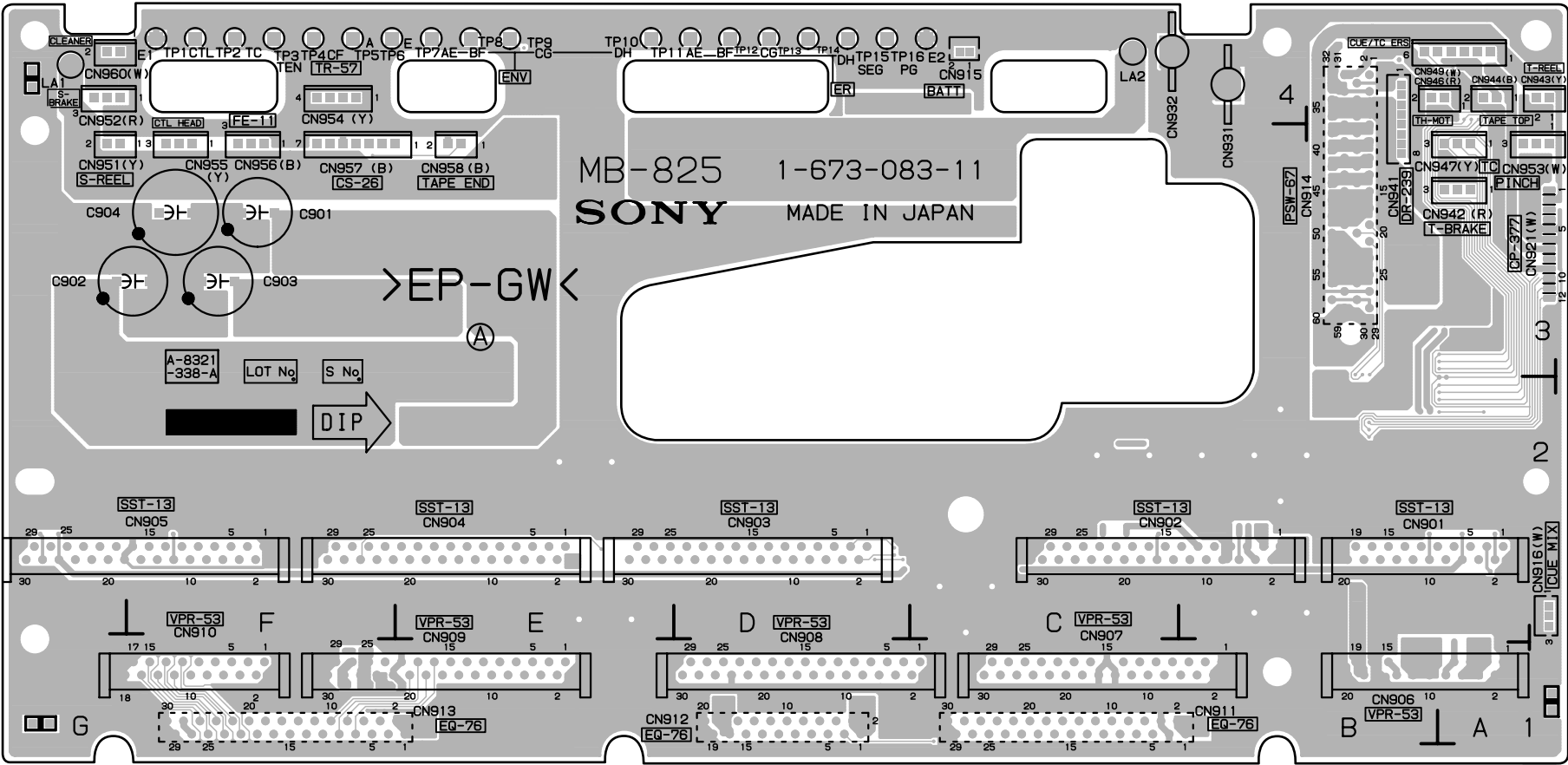
MB-825(1-673-083-12)

*:B SIDE

CL1	A1	CN914	*B3	TP1	F4
CL2	A1	CN915	C4	TP2	F4
CL3	B1	CN916	A2	TP3	F4
CL4	B1	CN921	*A3	TP4	F4
CL5	B1	CN931	B4	TP5	F4
CL6	E1	CN932	B4	TP6	F4
CL7	E1	CN941	B4	TP7	E4
CL8	E1	CN942	A3	TP8	E4
CL9	E1	CN943	A4	TP9	E4
CL10	A1	CN944	A4	TP10	E4
CL11	E1	CN946	B4	TP11	D4
		CN947	A3	TP12	D4
		CN949	A4	TP13	D4
CN901	B2	CN949	A4	TP13	D4
CN902	C2	CN951	G3	TP14	D4
CN903	D2	CN952	G4	TP15	D4
CN904	E2	CN953	A3	TP16	D4
CN905	F2	CN954	F4		
CN906	B1	CN955	F3	W1	G4
CN907	C1	CN956	F3	W2	C4
CN908	D1	CN957	F3		
CN909	E1	CN958	E3		
CN910	F1	CN960	G4		
CN911	*C1				
CN912	*D1	E1	F4		
CN913	*F1	E2	C4		



MB-825 -B SIDE-
SUFFIX: -12



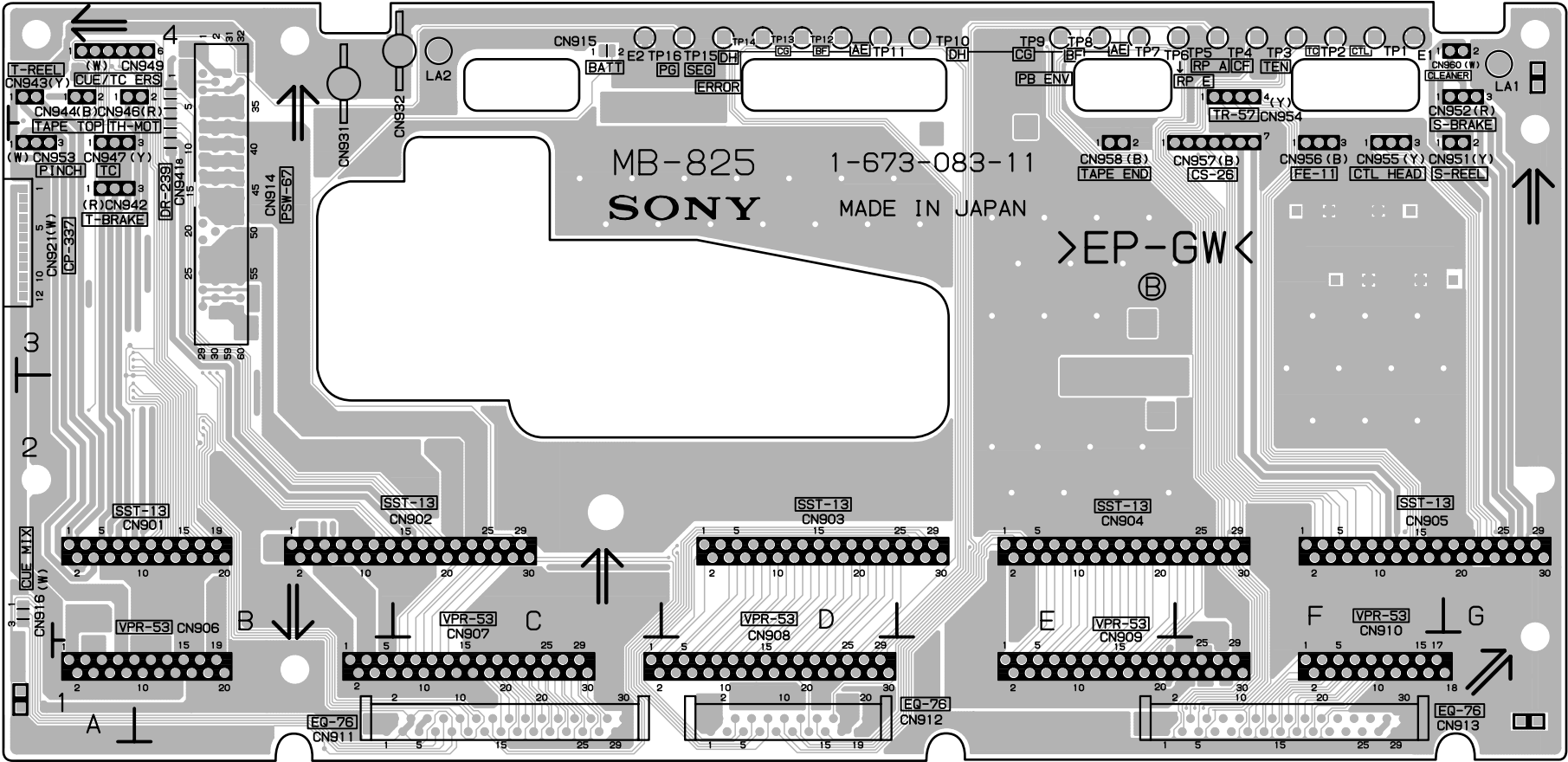
HDW-250 (J) : S/N 30001 through 30050

MB-825 -A SIDE-
SUFFIX: -11

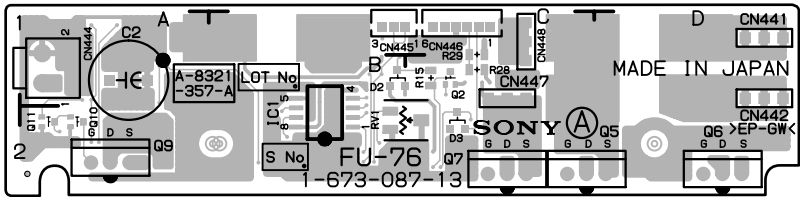
MB-825(1-673-083-11)

*:B SIDE

CN901	B2	CN944	A4	TP3	F4
CN902	C2	CN946	B4	TP4	F4
CN903	D2	CN947	A3	TP5	F4
CN904	E2	CN949	A4	TP6	F4
CN905	F2	CN951	G3	TP7	E4
CN906	B1	CN952	G4	TP8	E4
CN907	C1	CN953	A3	TP9	E4
CN908	D1	CN954	F4	TP10	E4
CN909	E1	CN955	F3	TP11	D4
CN910	F1	CN956	F3	TP12	D4
CN911	*C1	CN957	F3	TP13	D4
CN912	*D1	CN958	E3	TP14	D4
CN913	*F1	CN960	G4	TP15	D4
CN914	*B3			TP16	D4
CN915	C4	E1	F4		
CN916	A2	E2	C4		
CN921	*A3				
CN931	B4	LA1	G4		
CN932	C4	LA2	C4		
CN941	B4				
CN942	A3	TP1	F4		
CN943	A4	TP2	F4		

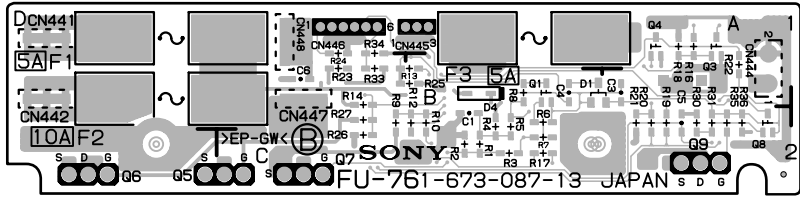


MB-825 -B SIDE-
SUFFIX: -11



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

FU-76 -A SIDE-
SUFFIX: -13

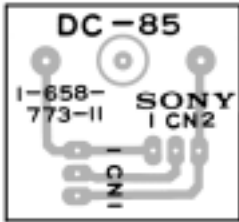


FU-76 -B SIDE-
SUFFIX: -13

FU-76(1-673-087-13)

*:B SIDE

CN441	D1	IC1	B2
CN442	D1		
CN444	A1	Q1	*B1
CN445	B1	Q2	C1
CN446	C1	Q3	*A1
CN447	C1	Q4	*A1
CN448	C1	Q5	C2
		Q6	D2
D1	*B1	Q7	C2
D2	B1	Q8	*A2
D3	C2	Q9	A2
D4	*B1	Q10	A2
		Q11	A2
F1	*D1		
F2	*D1	RV1	C2
F3	*B1		

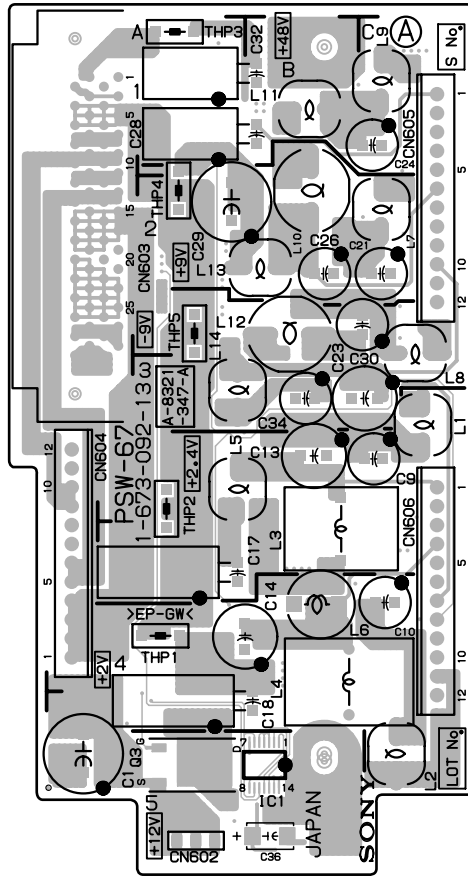


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

DC-85 -A SIDE-
SUFFIX: -11



DC-85 -B SIDE-
SUFFIX: -11



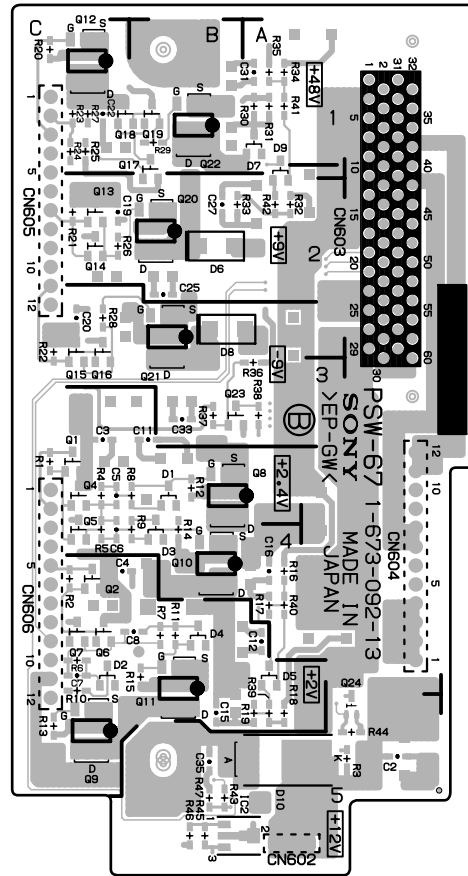
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

PSW-67 -A SIDE-SUFFIX: -13

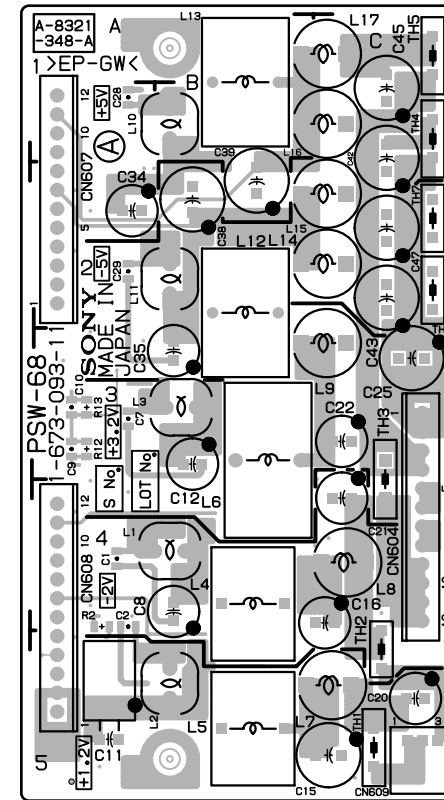
PSW-67(1-673-092-13)

*:B SIDE

CN602	A5	L9	C1	Q22	*B1
CN603	A2	L10	B2	Q23	*B3
CN604	A4	L11	B1	Q24	*A5
CN605	C2	L12	B2		
CN606	C4	L13	B2	THP1	A4
		L14	A3	THP2	A3
D1	*B3			THP3	A1
D2	*C4	Q1	*C3	THP4	A2
D3	*B4	Q2	*C4	THP5	
D4	*B4	Q3	A5		
D5	*A4	Q4	*C3		
D6	*B2	Q5	*C4		
D7	*A1	Q6	*C4		
D8	*B2	Q7	*C4		
D9	*A1	Q8	*B3		
D10	*A5	Q9	*C5		
		Q10	*B4		
IC1	B5	Q11	*B4		
IC2	*B5	Q12	*C1		
		Q13	*C2		
L1	C3	Q14	*C2		
L2	C5	Q15	*C2		
L3	B4	Q16	*C2		
L4	B4	Q17	*B1		
L5	A3	Q18	*C1		
L6	B4	Q19	*B1		
L7	C2	Q20	*B2		
L8	C2	Q21	*B2		



PSW-67 -B SIDE-
SUFFIX: -13



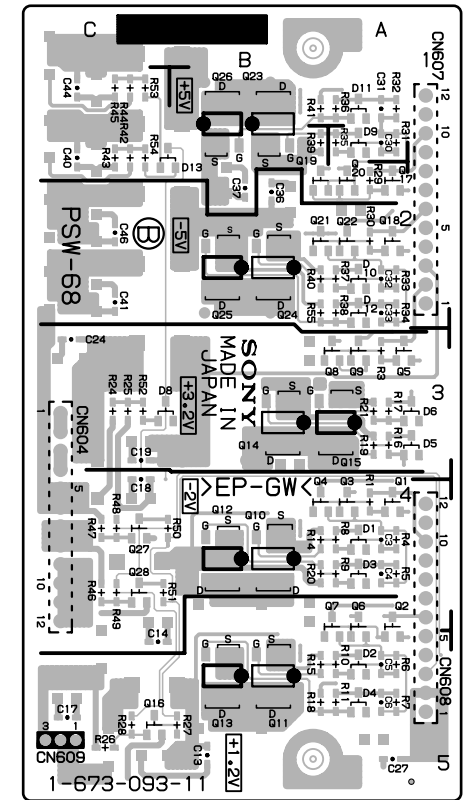
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

PSW-68 -A SIDE-SUFFIX: -11

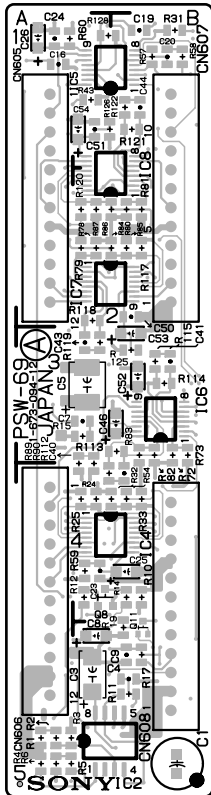
PSW-68(1-673-093-11)

* :B SIDE

CN604	C4	L12	B2	Q23	*B1
CN607	A2	L13	B1	Q24	*B2
CN608	A4	L14	C2	Q25	*B2
CN609	C5	L15	C2	Q26	*B1
		L16	C1	Q27	*C4
D1	*A4	L17	C1	Q28	*C4
D2	*A5				
D3	*A4	Q1	*A4	TH1	C5
D4	*A5	Q2	*A4	TH2	C5
D5	*A3	Q3	*A4	TH3	C3
D6	*A3	Q4	*B4	TH4	C1
D8	*C3	Q5	*A3	TH5	C1
D9	*A1	Q6	*A4	TH6	C2
D10	*A2	Q7	*A4	TH7	C2
D11	*A1	Q8	*A3		
D12	*A2	Q9	*A3		
D13	*C1	Q10	*B4		
		Q11	*B5		
L1	B4	Q12	*B4		
L2	B5	Q13	*B5		
L3	B3	Q14	*B3		
L4	B4	Q15	*A3		
L5	B5	Q16	*C5		
L6	B3	Q17	*A2		
L7	C5	Q18	*A2		
L8	C4	Q19	*B2		
L9	C3	Q20	*A2		
L10	B1	Q21	*B2		
L11	B2	Q22	*A2		

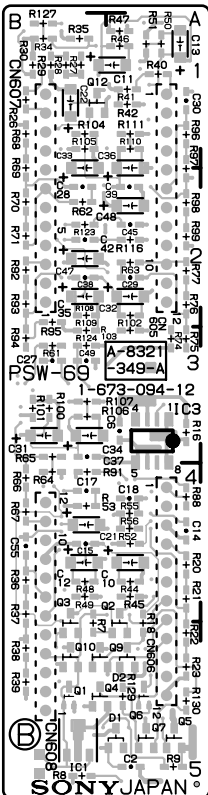


PSW-68 -B SIDE-
SUFFIX: -11



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

PSW-69 -A SIDE-
SUFFIX: -12



PSW-69 -B SIDE-
SUFFIX: -12

PSW-69(1-673-094-12)

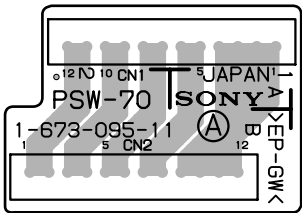
*:B SIDE

CN605 A2
CN606 A4
CN607 B2
CN608 B4

D1 *A5
D2 *A5

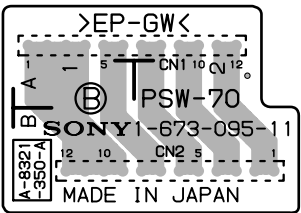
IC1 *B5
IC2 A5
IC3 *A3
IC4 A4
IC5 B1
IC6 B3
IC7 A2
IC8 B2

Q1 *B5
Q2 *A5
Q3 *B5
Q4 *B5
Q5 *A5
Q6 *A5
Q7 *A5
Q8 A4
Q9 *B5
Q10 *B5
Q11 B5
Q12 *B1

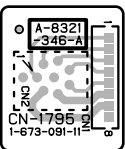


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

PSW-70 -A SIDE-
SUFFIX: -11

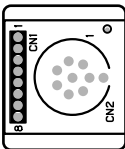


PSW-70 -B SIDE-
SUFFIX: -11

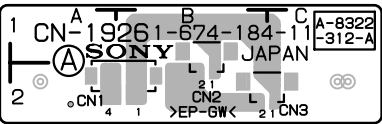


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

CN-1795 -A SIDE-
SUFFIX: -11

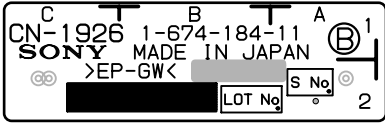


CN-1795 -B SIDE-
SUFFIX: -11



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

CN-1926 -A SIDE-
SUFFIX: -11



CN-1926 -B SIDE-
SUFFIX: -11

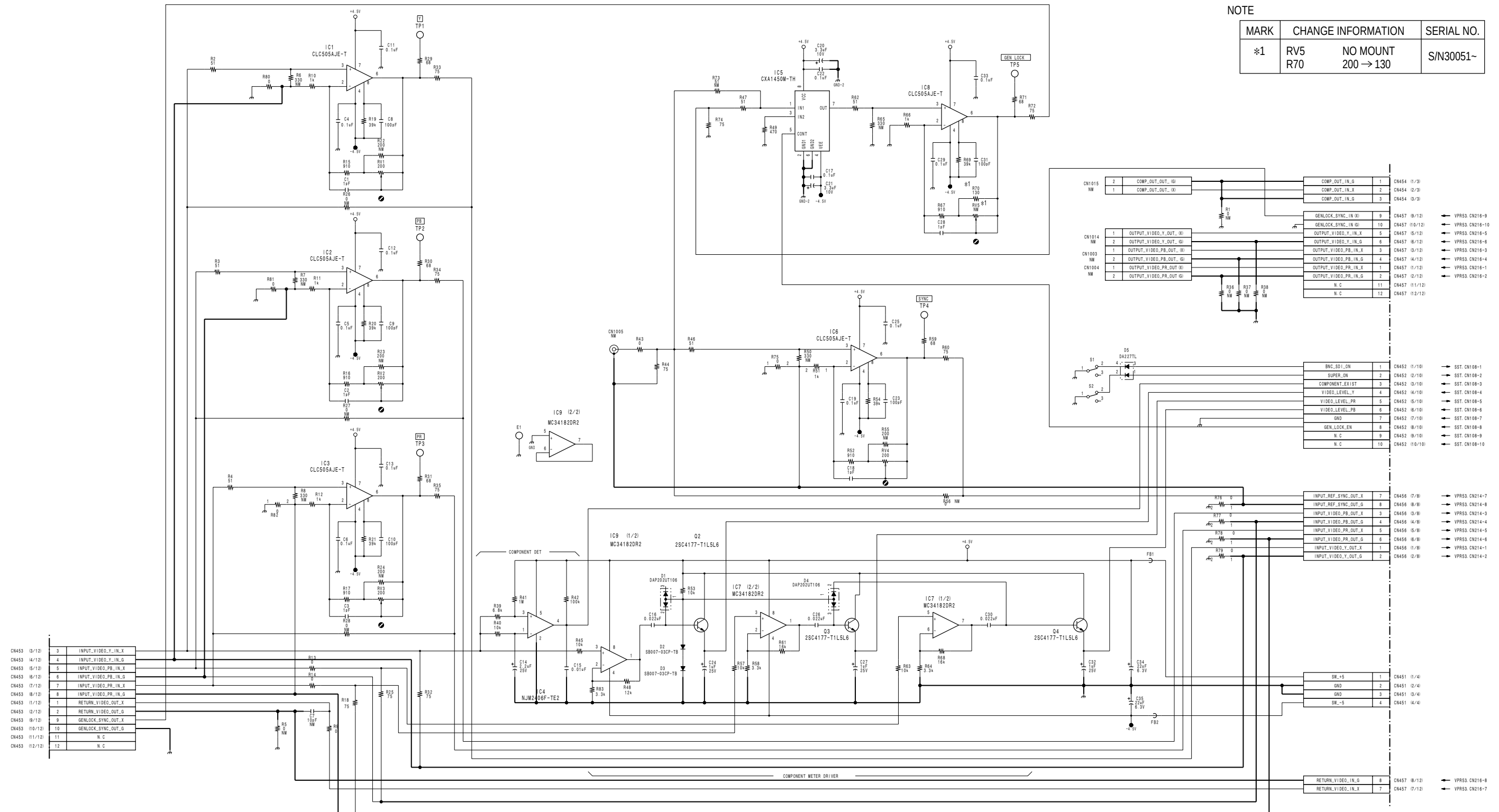
Section 5

Schematic Diagrams

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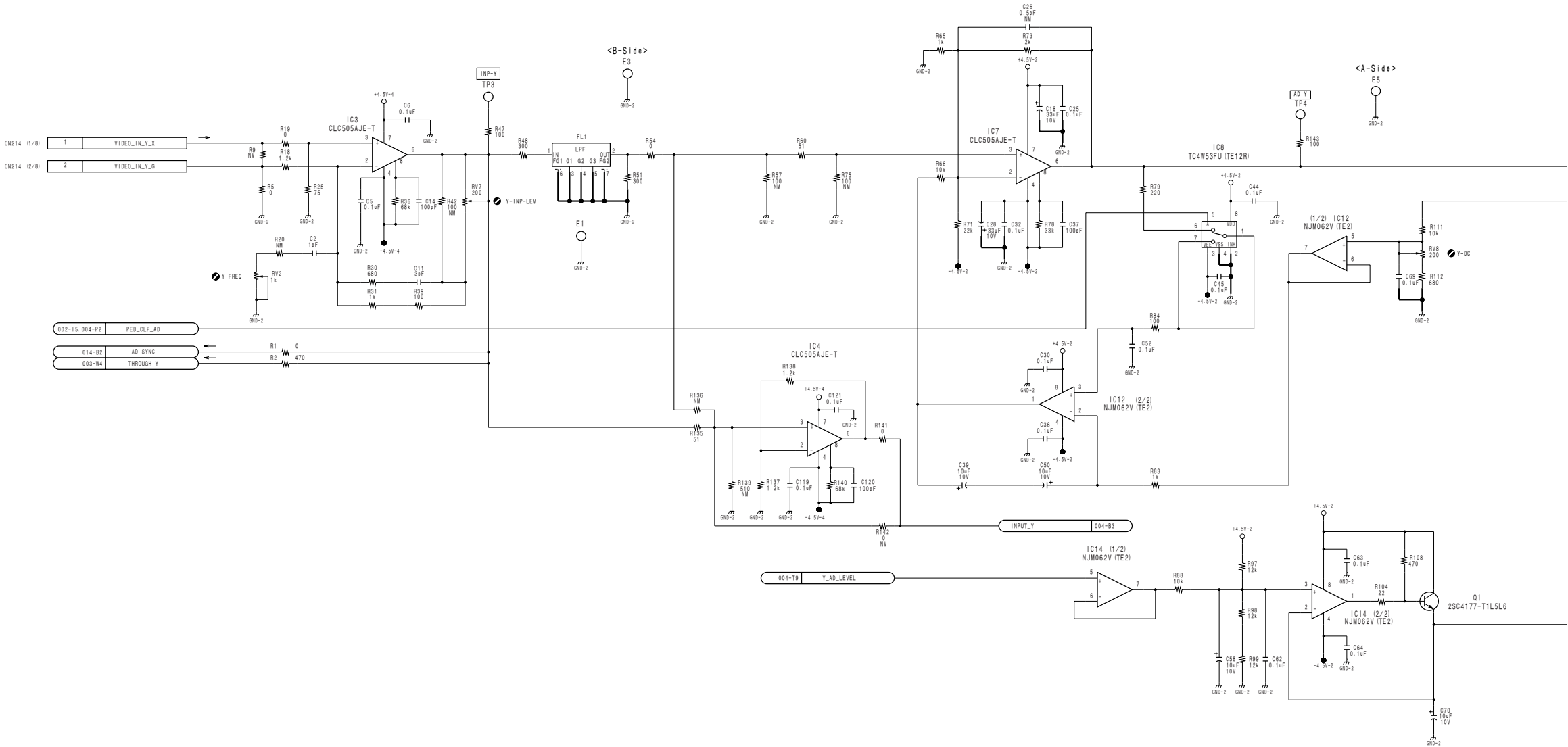
System	Board name	Function	Page
VIDEO	CC-82	Video Input/Output	5-3
	VPR-53	Ref CK Generator, Video Signal Processor (AD/DA)	5-4
AUDIO	CP-337	Audio Input/Output, Panel Switches	5-36
	ADA-44	Audio Signal Processor (AD/DA)	5-42
	VR-194	Audio Rec Level Selector (Preset/Variable)	5-48
	VR-206	Audio Rec Level Control	5-48
	VR-254	Phone Level Control	5-49
	DUS-173	Head Phone Connector	5-49
DIGITAL PROCESS	DCP-22	Down Converter	5-50
	DPR-125	Digial Data Processor (Encode/Decode, Error Correction)	5-58
		Data Rate Converter	
RF & CUE	EQ-76	Rec Current Control	
		RF Equalizer (PB EQ, PB Envelope Detector),	5-72
		Rec Envelope Detector	
SERVO, SYTEM CONTROL, TIMECODE	KY-315	Cue Rec/PB	
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MOTHERBOARD	MB-825	Motherboard	5-114
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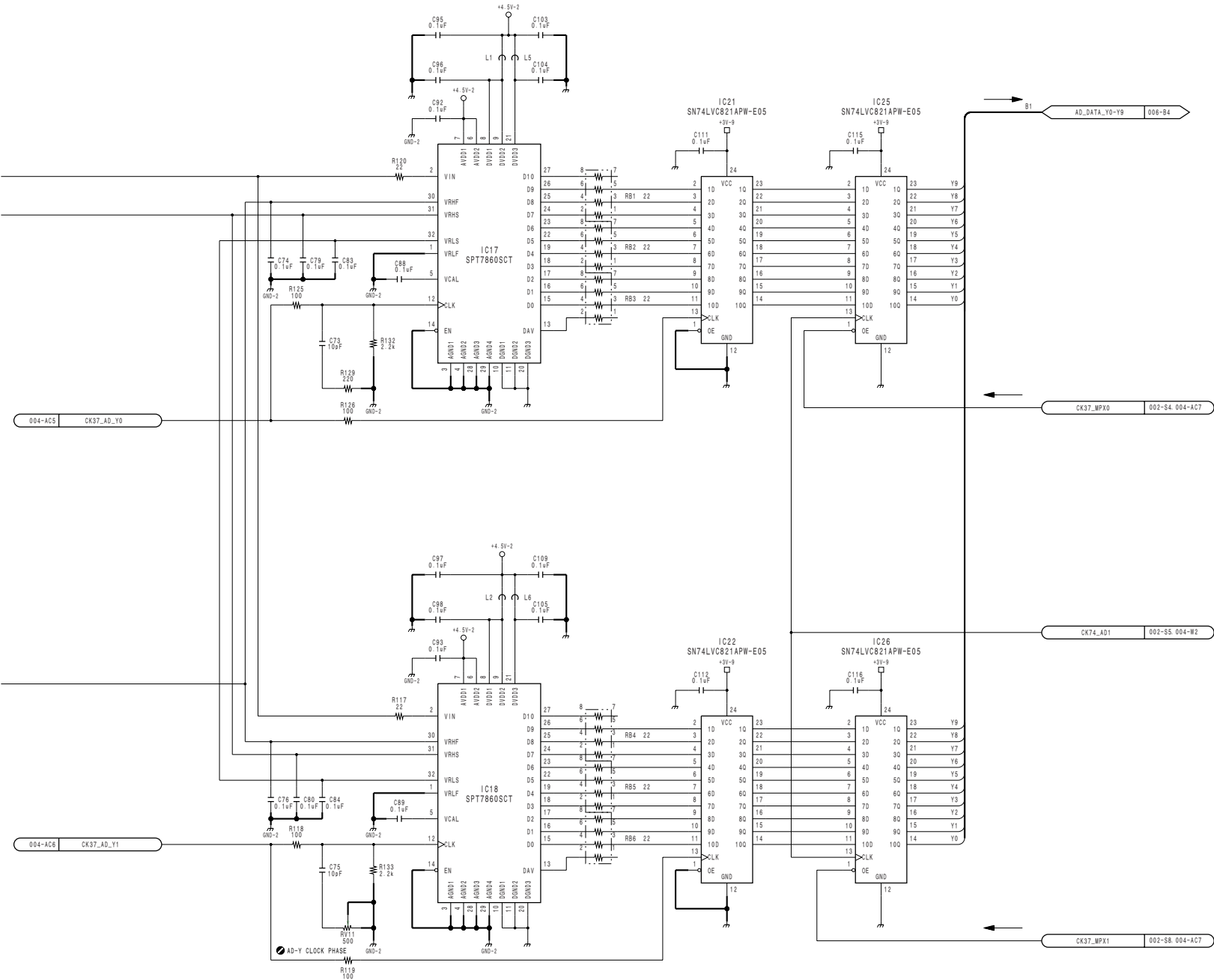
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



CC-82
BOARD NO. 1-673-084-11
LOT NO. 812-
HDW-250_CC-82_011_1

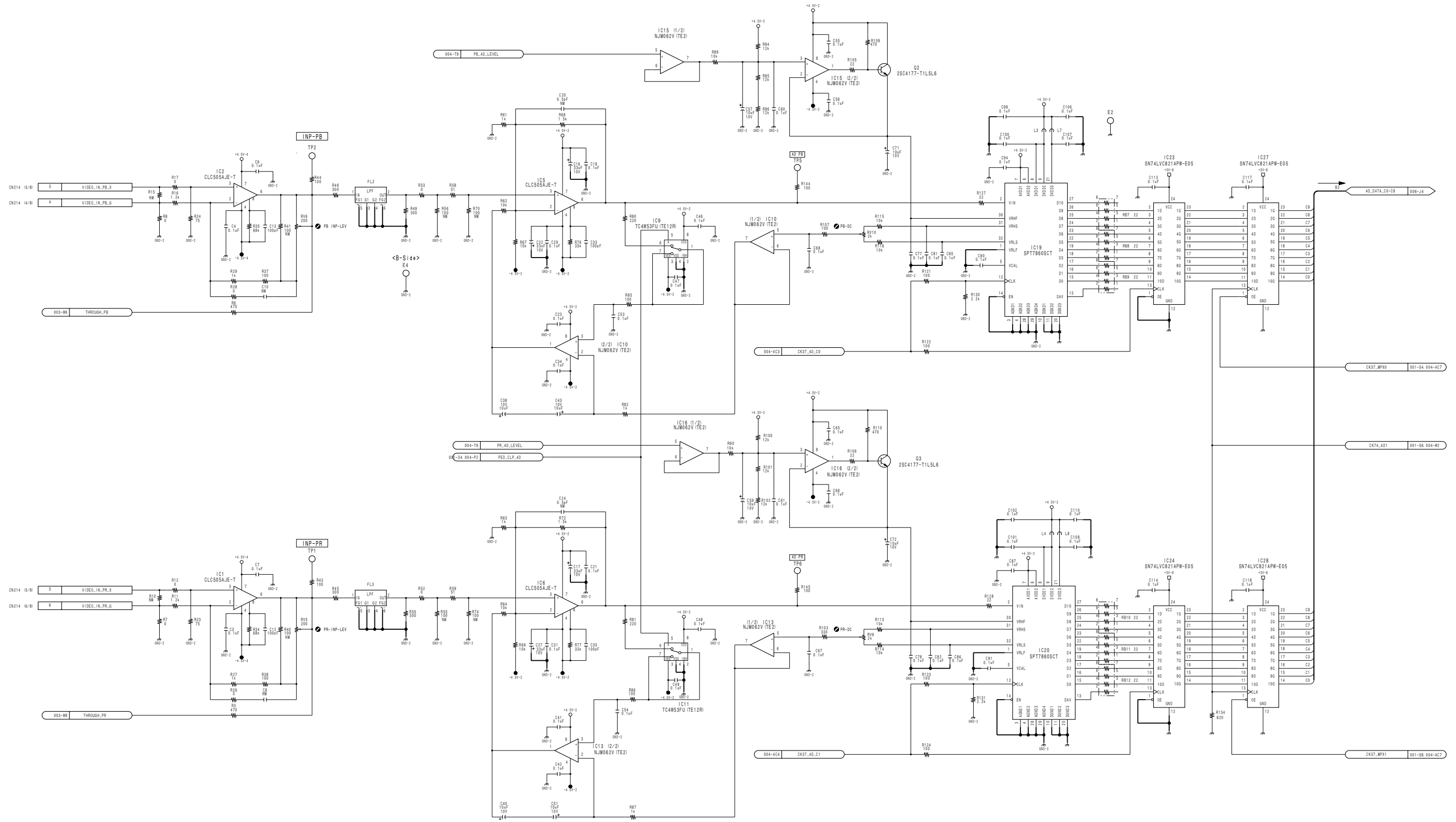
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher





VPR-53 (1/20)
BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



VPR-53 (2/20)
BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_2

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

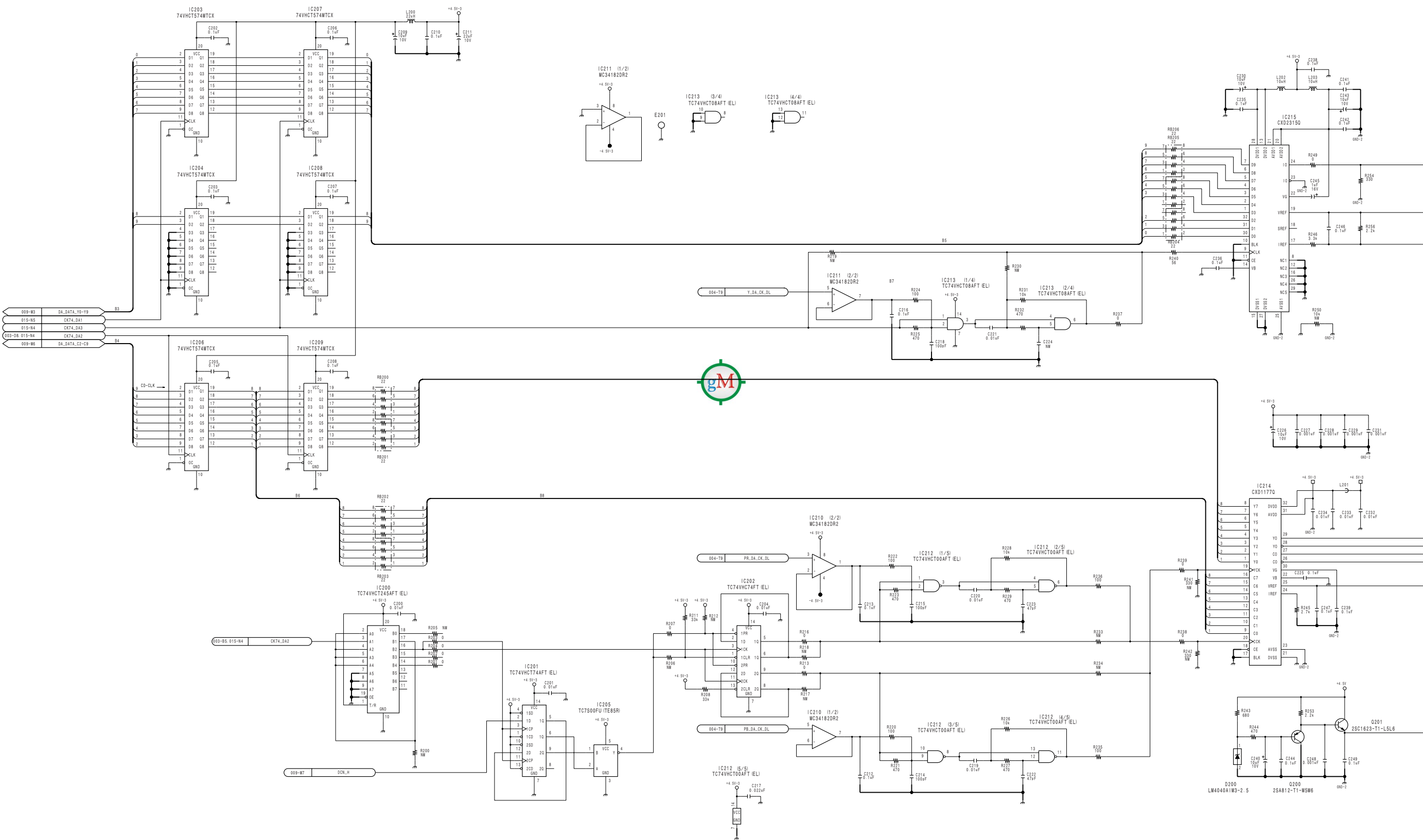
1

2

3

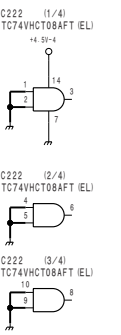
4

5



5-8 (b)

5-8 (b)

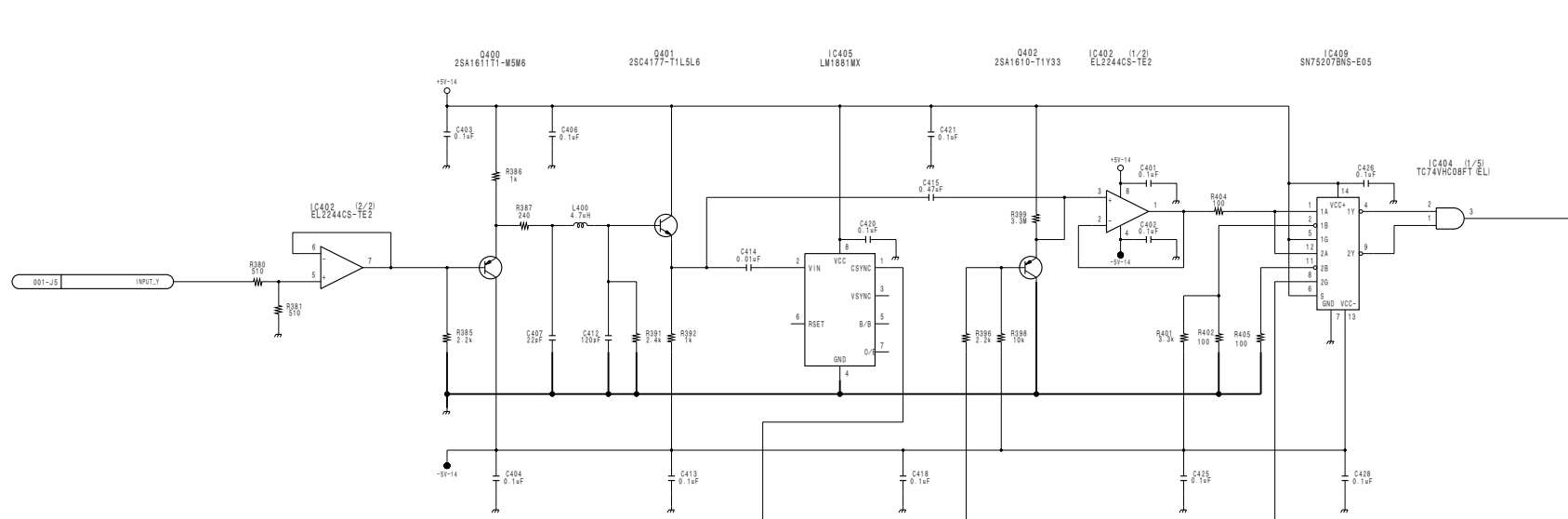


P

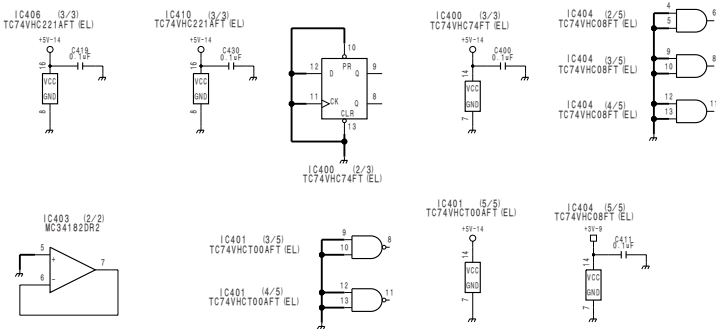
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

1

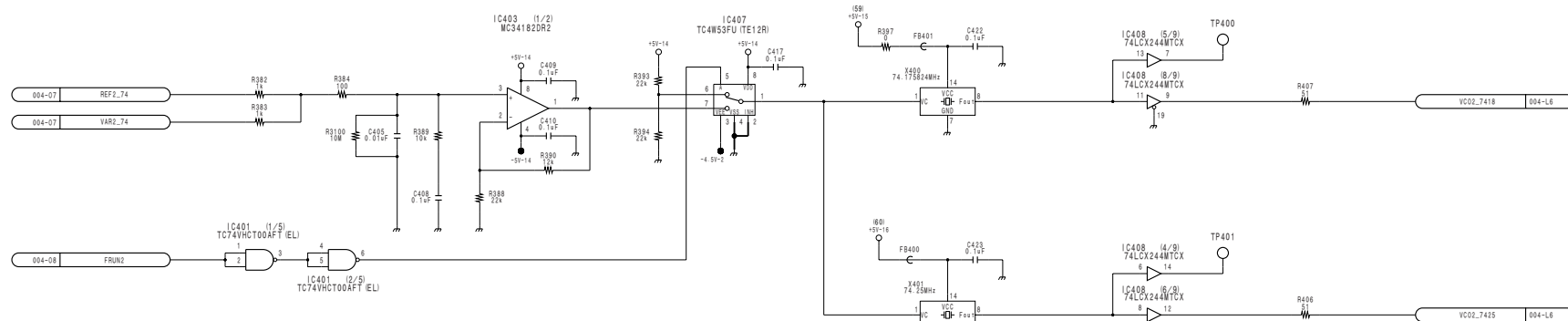
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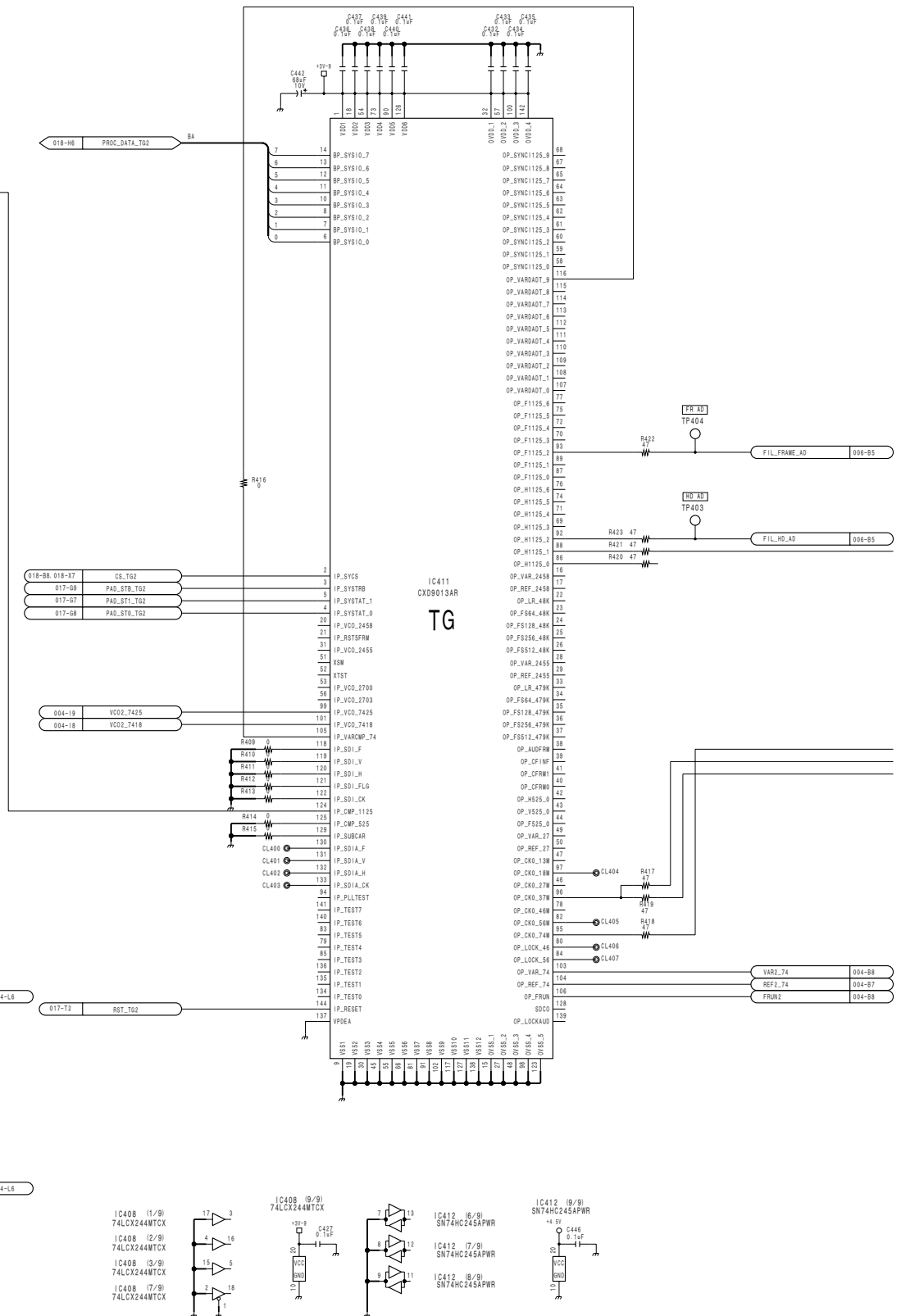
3



4



5



A

B

C

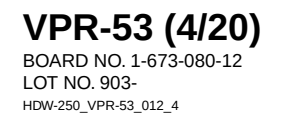
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E

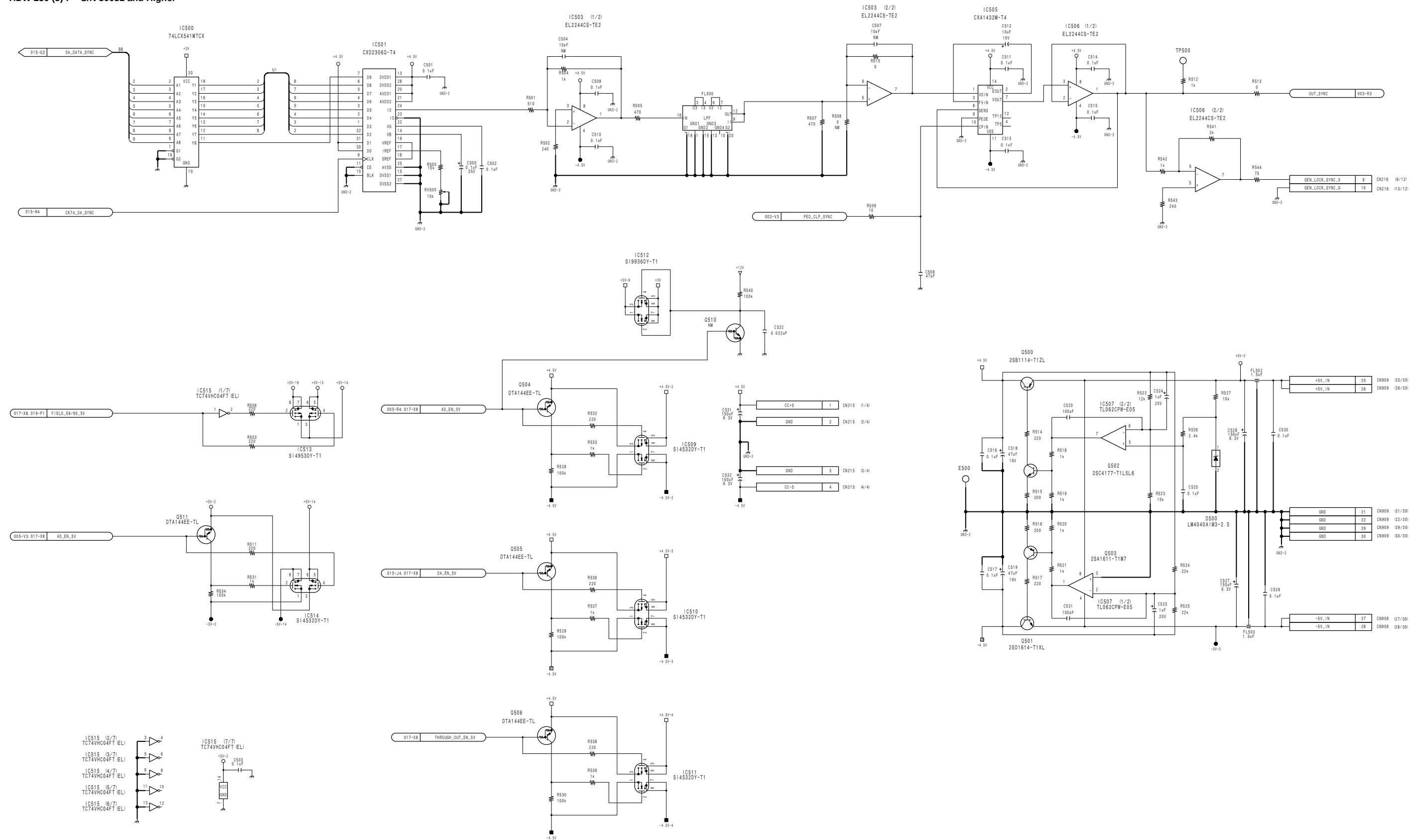
F

G

H

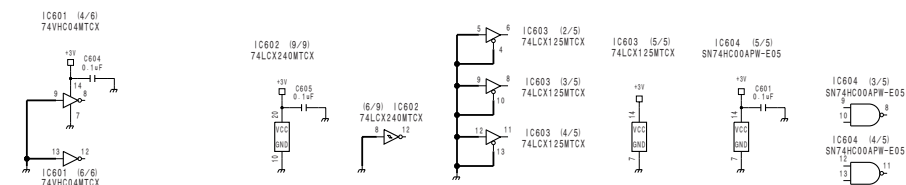
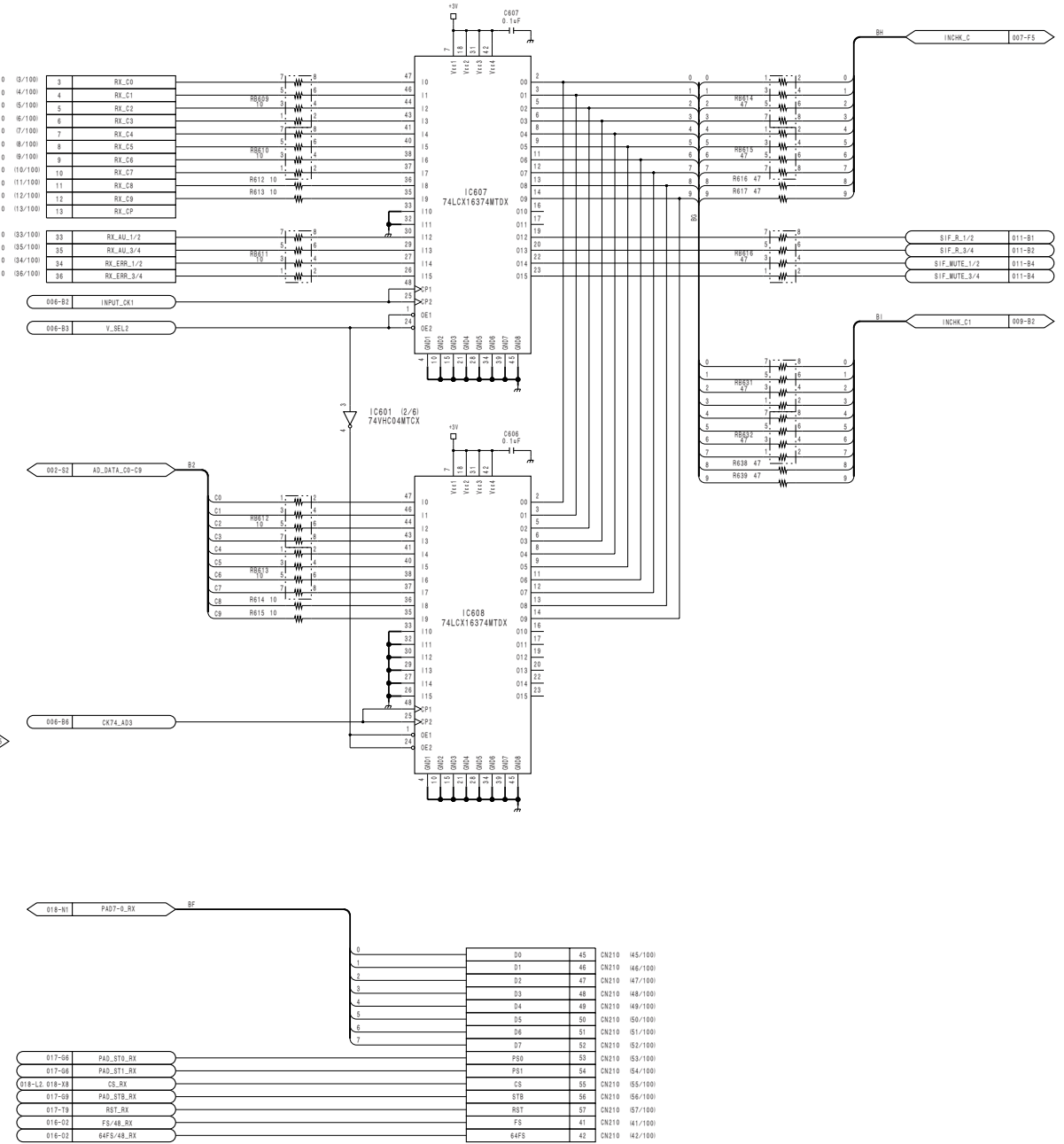
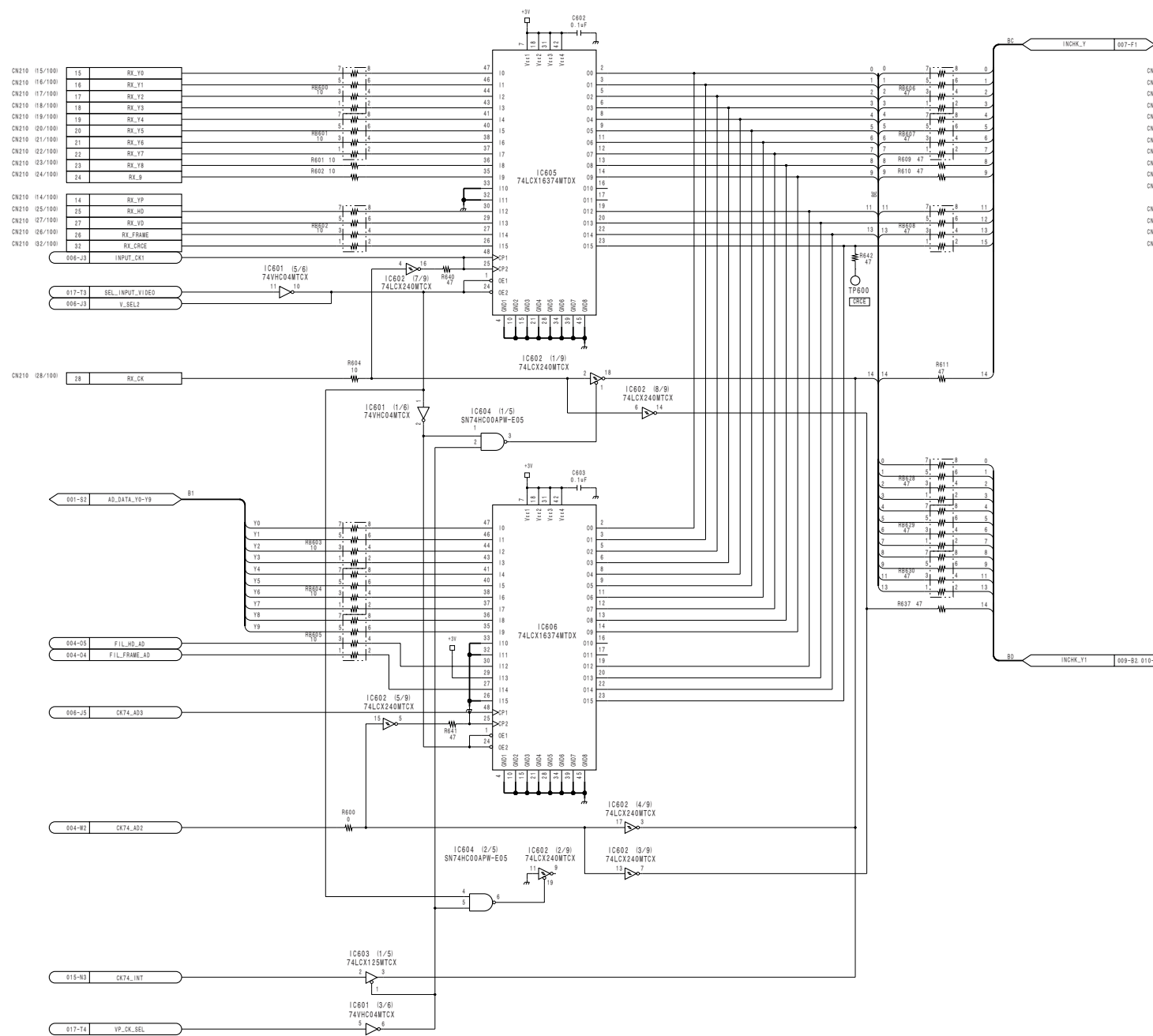


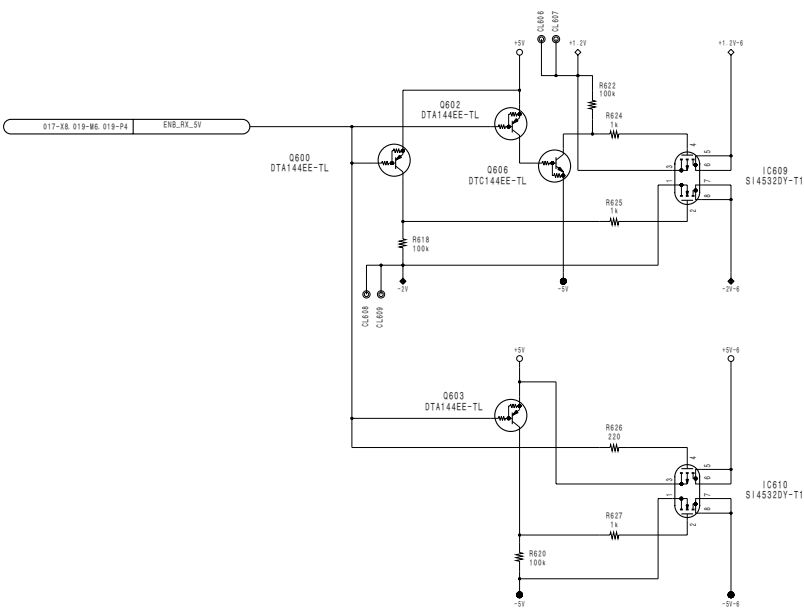
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



VPR-53 (5/20)
BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_5

5





CN210 031/100	31	RX_AUDK
CN210 037/100	37	RX_AUD5/6
CN210 038/100	38	RX_AUD7/8
CN210 038/100	38	RX_ERR5/6
CN210 040/100	40	RX_ERR7/8
CN210 063/100	63	ANCF5
CN210 064/100	64	ANCF4
CN210 065/100	65	ANCF3
CN210 066/100	66	ANCF2
CN210 067/100	67	ANCF1

CN210 01/100	1	GN0
CN210 02/100	2	GN0
CN210 029/100	29	GN0
CN210 030/100	30	GN0
CN210 033/100	33	GN0
CN210 044/100	44	GN0
CN210 077/100	77	GN0
CN210 078/100	78	GN0
CN210 089/100	89	GN0
CN210 100/100	100	GN0

CN210 079/100	79	+3V-6
CN210 080/100	80	+3V-6
CN210 081/100	81	+3V-6
CN210 082/100	82	+3V-6

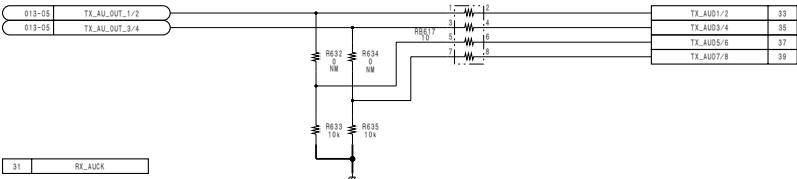
CN210 083/100	83	+5V-6
CN210 084/100	84	+5V-6
CN210 085/100	85	+5V-6
CN210 086/100	86	+5V-6

CN210 087/100	87	+1.2V-6
CN210 088/100	88	+1.2V-6
CN210 089/100	89	+1.2V-6
CN210 090/100	90	+1.2V-6

CN210 091/100	91	-2V-6
CN210 092/100	92	-2V-6
CN210 093/100	93	-2V-6
CN210 094/100	94	-2V-6

CN210 095/100	95	-5V-6
CN210 096/100	96	-5V-6
CN210 097/100	97	-5V-6
CN210 098/100	98	-5V-6

CN212 01/20	1	+1.2V
CN212 02/20	2	+1.2V
CN212 03/20	3	-2V



N.C	91	CN209 031/100
N.C	92	CN209 032/100

TX_AUD1/2	93	CN209 033/100
TX_AUD3/4	95	CN209 035/100
TX_AUD5/6	97	CN209 037/100
TX_AUD7/8	98	CN209 038/100

N.C	94	CN209 034/100
N.C	96	CN209 036/100
N.C	98	CN209 038/100
N.C	40	CN209 040/100

N.C	63	CN209 063/100
N.C	64	CN209 064/100
N.C	65	CN209 065/100
N.C	66	CN209 066/100
N.C	67	CN209 067/100

GN0	1	CN209 01/100
GN0	2	CN209 02/100
GN0	29	CN209 029/100
GN0	30	CN209 030/100
GN0	43	CN209 043/100
GN0	44	CN209 044/100
GN0	77	CN209 077/100
GN0	78	CN209 078/100
GN0	89	CN209 089/100
GN0	100	CN209 100/100

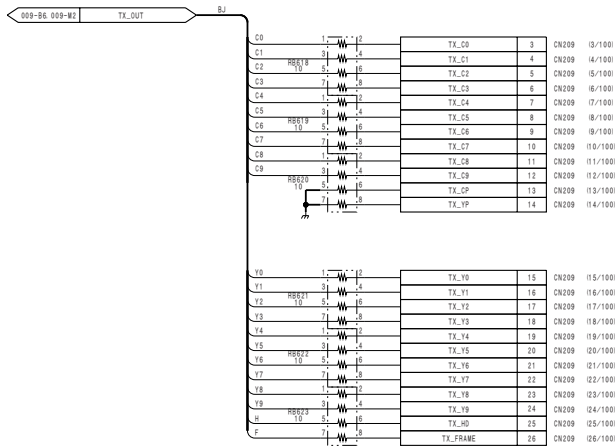
CN209 079/100	79	+3V-7
CN209 080/100	80	+3V-7
CN209 081/100	81	+3V-7
CN209 082/100	82	+3V-7

CN209 083/100	83	+5V-7
CN209 084/100	84	+5V-7
CN209 085/100	85	+5V-7
CN209 086/100	86	+5V-7

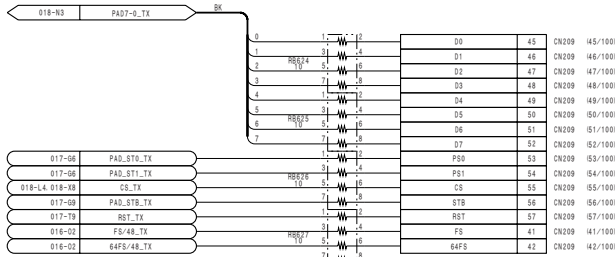
CN209 087/100	87	+1.2V-7
CN209 088/100	88	+1.2V-7
CN209 089/100	89	+1.2V-7
CN209 090/100	90	+1.2V-7

CN209 091/100	91	-2V-7
CN209 092/100	92	-2V-7
CN209 093/100	93	-2V-7
CN209 094/100	94	-2V-7

CN209 095/100	95	-5V-7
CN209 096/100	96	-5V-7
CN209 097/100	97	-5V-7
CN209 098/100	98	-5V-7



CN209 027/100	27	N.C
CN209 028/100	28	TX_CK



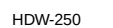
CN209 045/100	45	D0
CN209 046/100	46	D1
CN209 047/100	47	D2
CN209 048/100	48	D3
CN209 049/100	49	D4
CN209 050/100	50	D5
CN209 051/100	51	D6
CN209 052/100	52	D7
CN209 053/100	53	PS0
CN209 054/100	54	PS1
CN209 055/100	55	CS
CN209 056/100	56	PS0
CN209 057/100	57	PS1
CN209 058/100	58	PS2
CN209 059/100	59	PS3
CN209 060/100	60	PS4
CN209 061/100	61	PS5
CN209 062/100	62	PS6

VPR-53 (6/20)

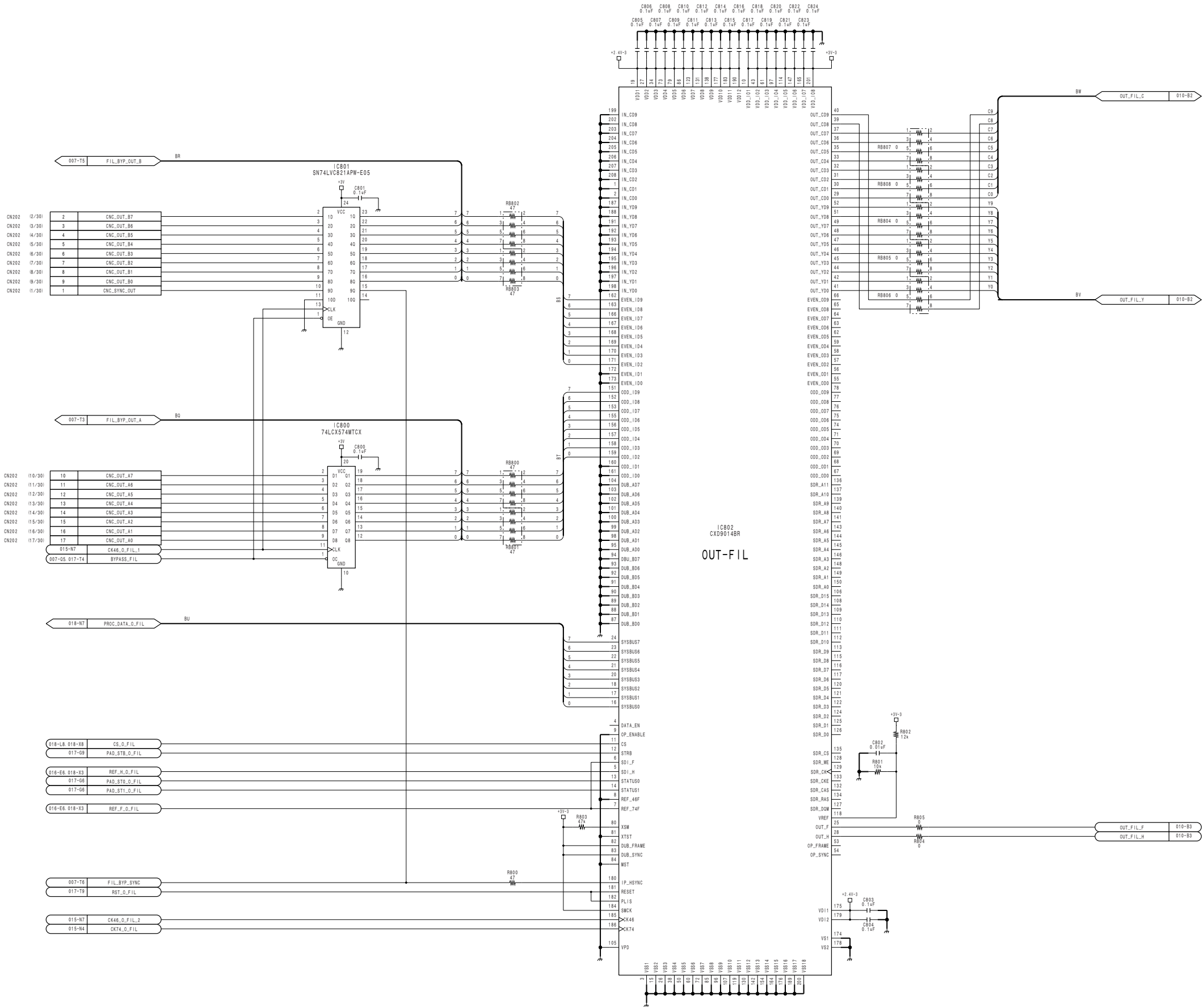
BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_6

VPR-53 (7/20)

5



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



5-17 (b)

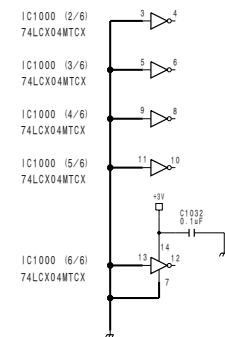
5-17 (b)

VPR-53 (8/20)

BOARD NO. 1-673-080-12
LOT NO. 903-

HDW-250_VPR-53_012_8

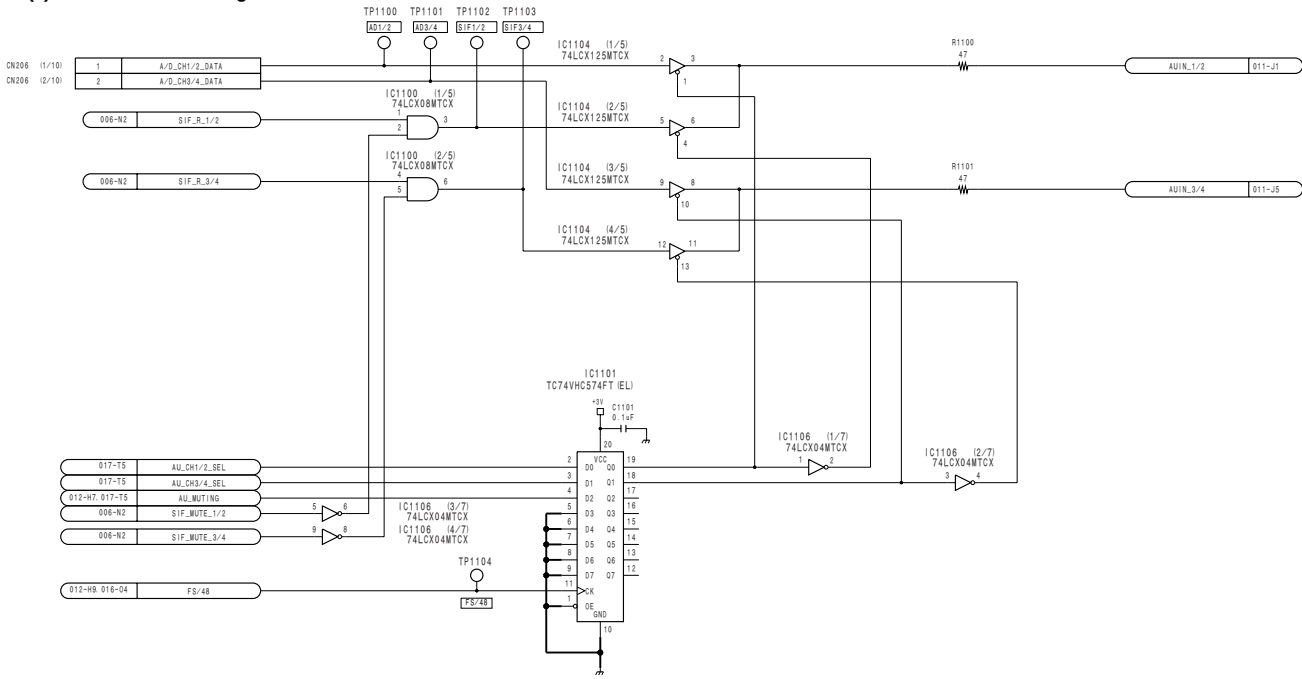
HDW-250



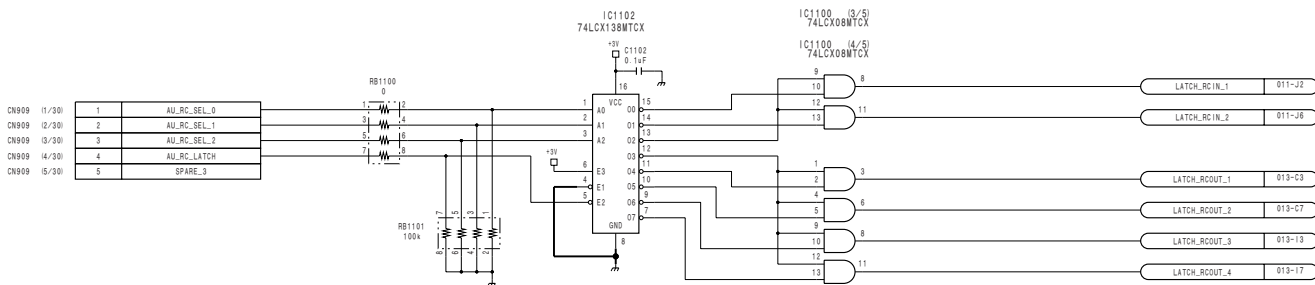
VPR-53 (10/20)
BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_10

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

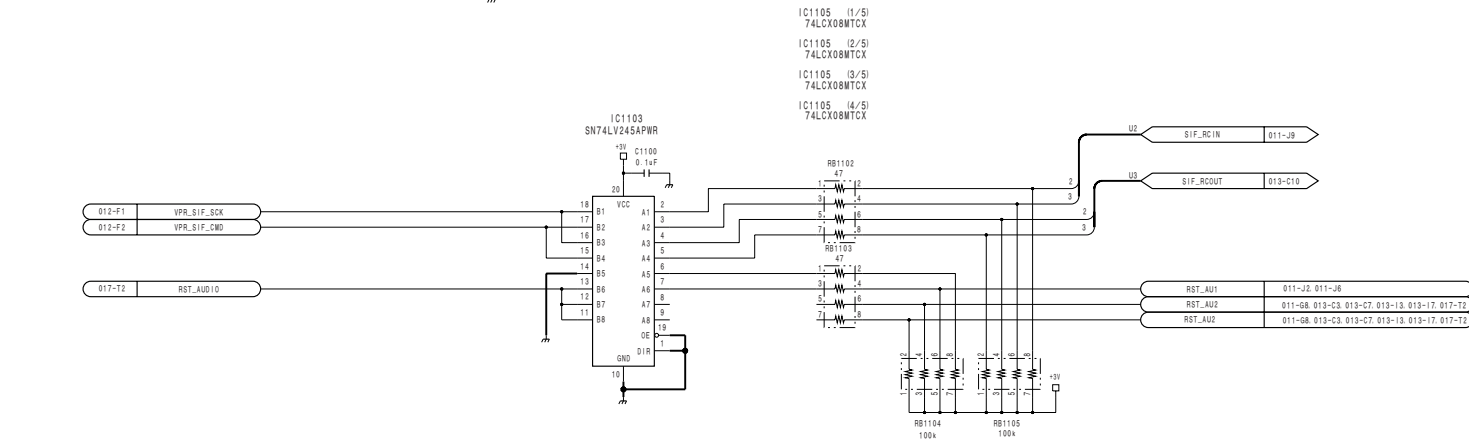
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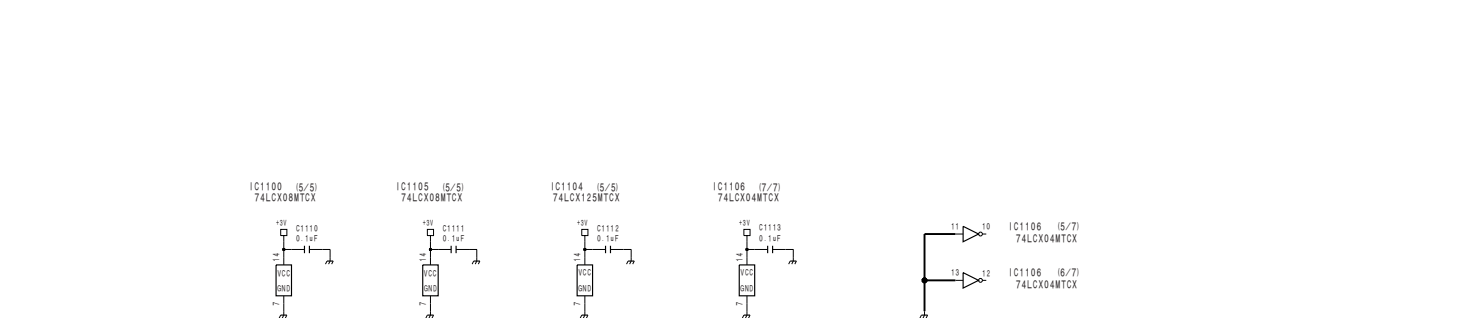
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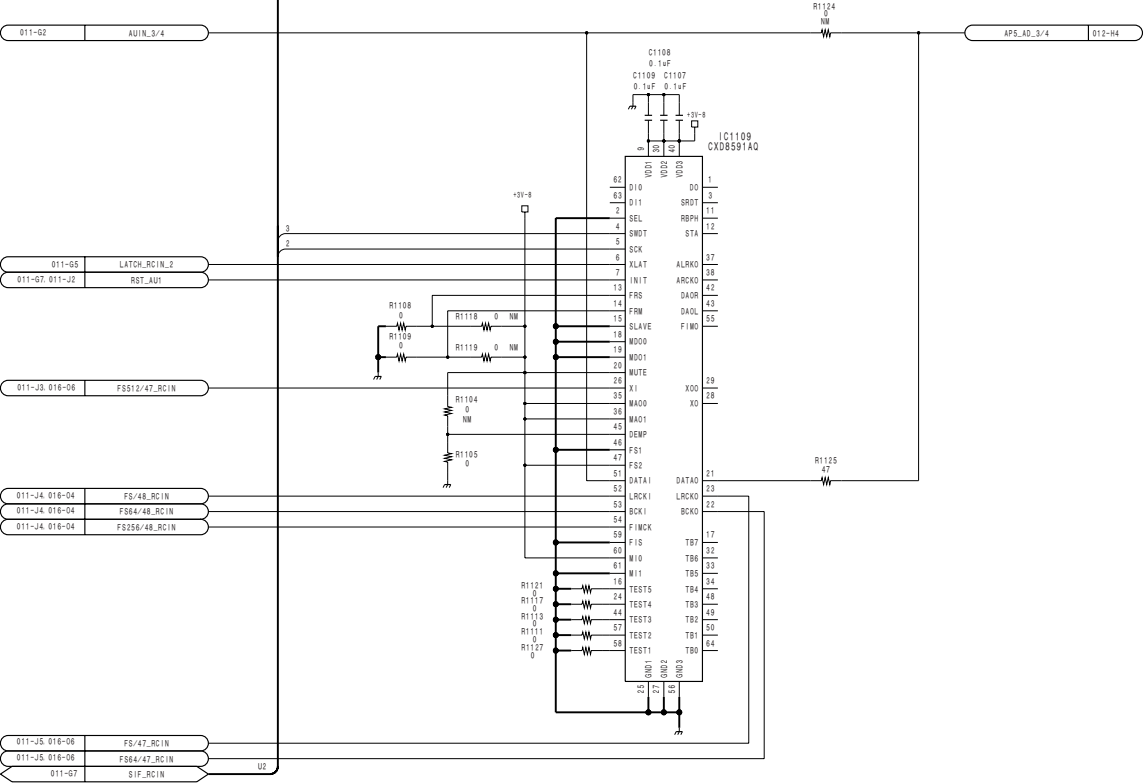
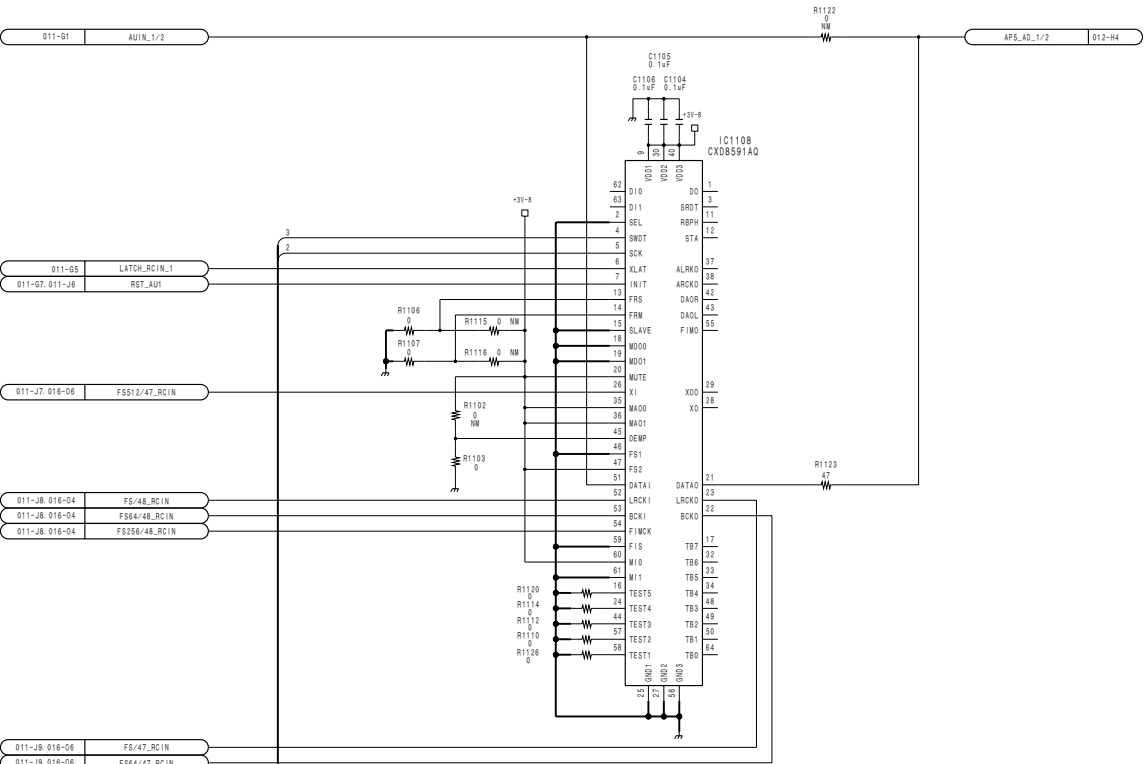
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4



5

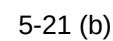
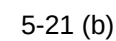


VPR-53 (11/20)

BOARD NO. 1-673-080-12
LOT NO. 903-

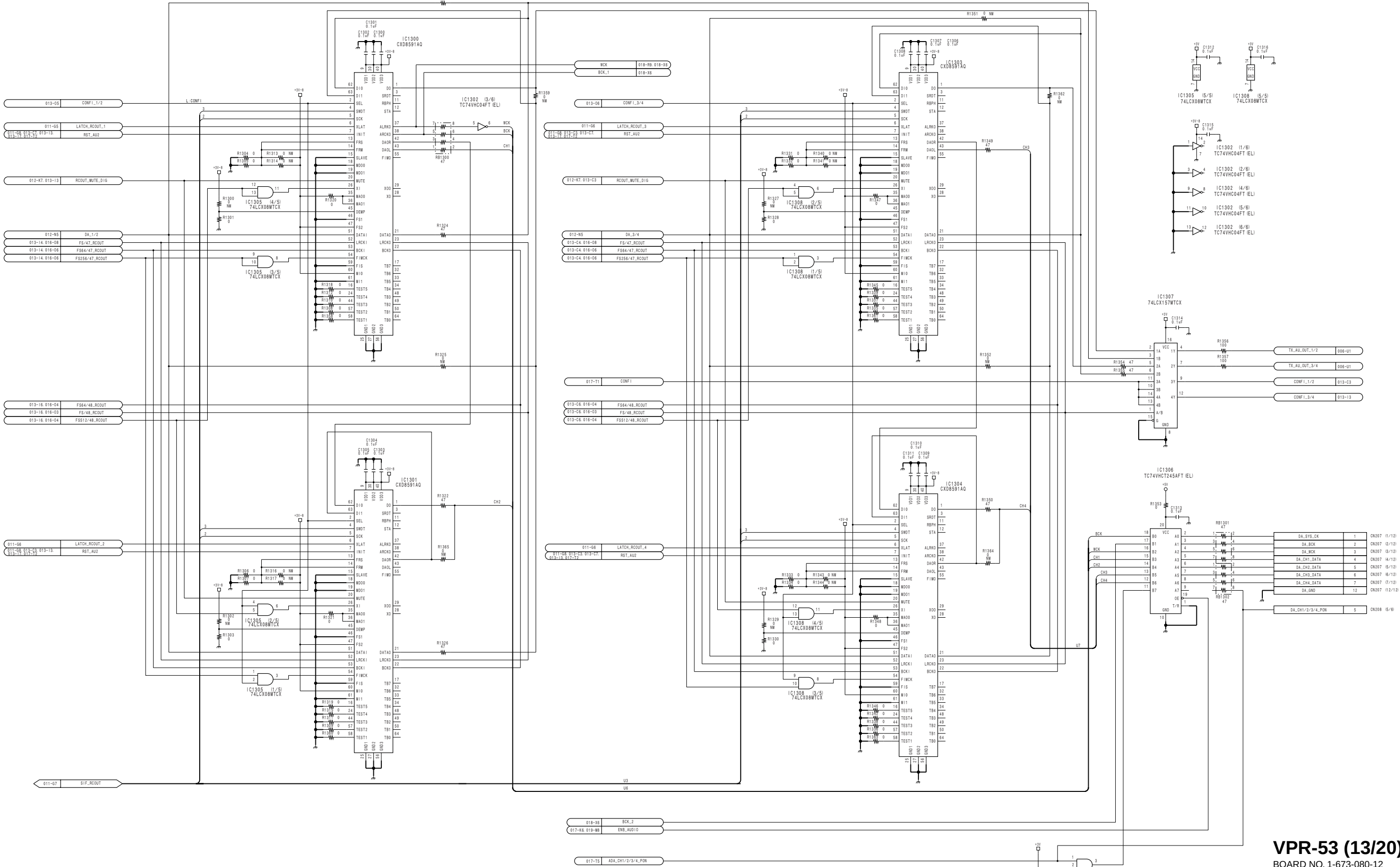
HDW-250_VPR-53_012_11

HDW-250



BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_12

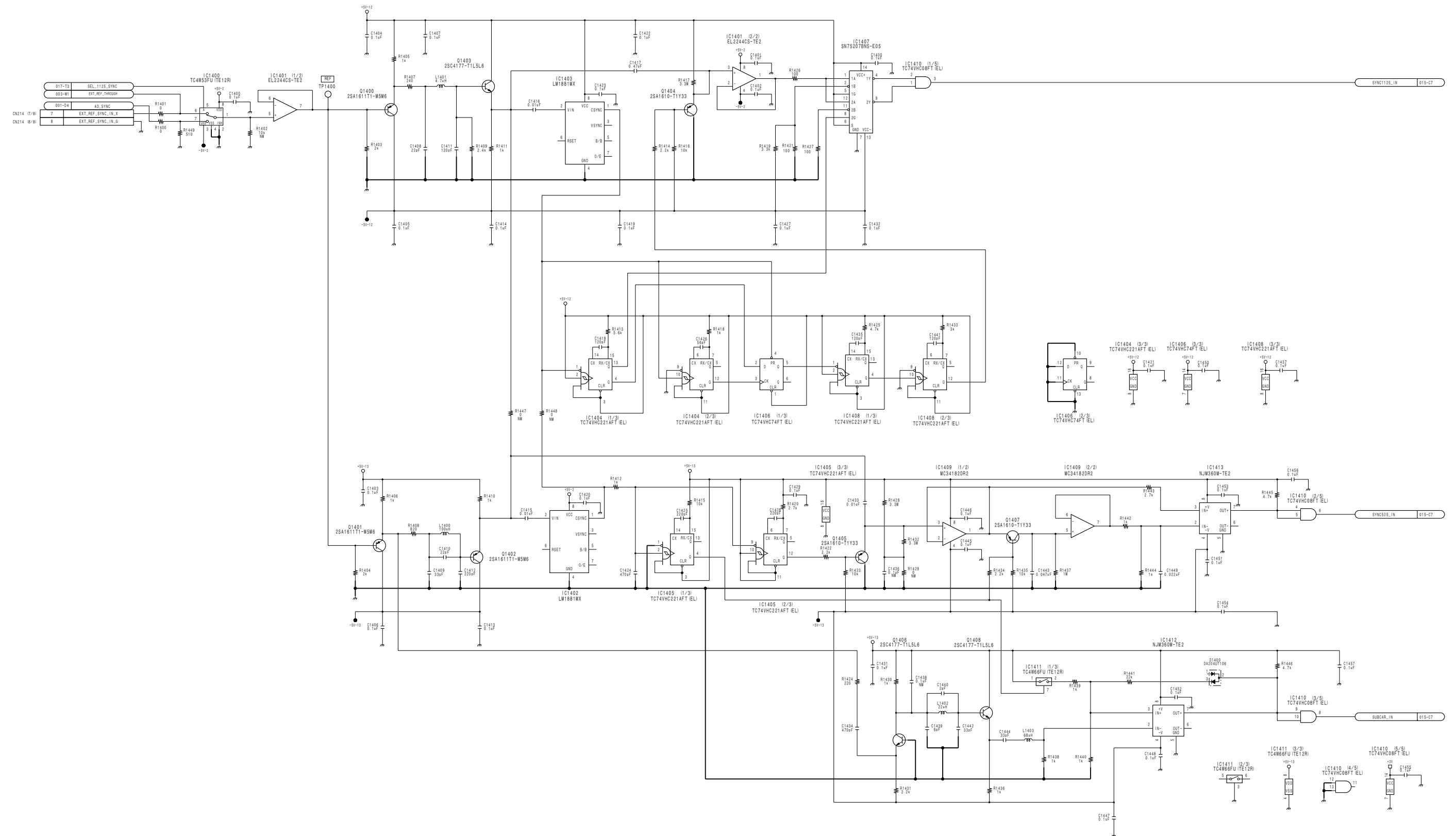
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



VPR-53 (13/20)

BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_13

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



VPR-53 (14/20)

BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_14

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

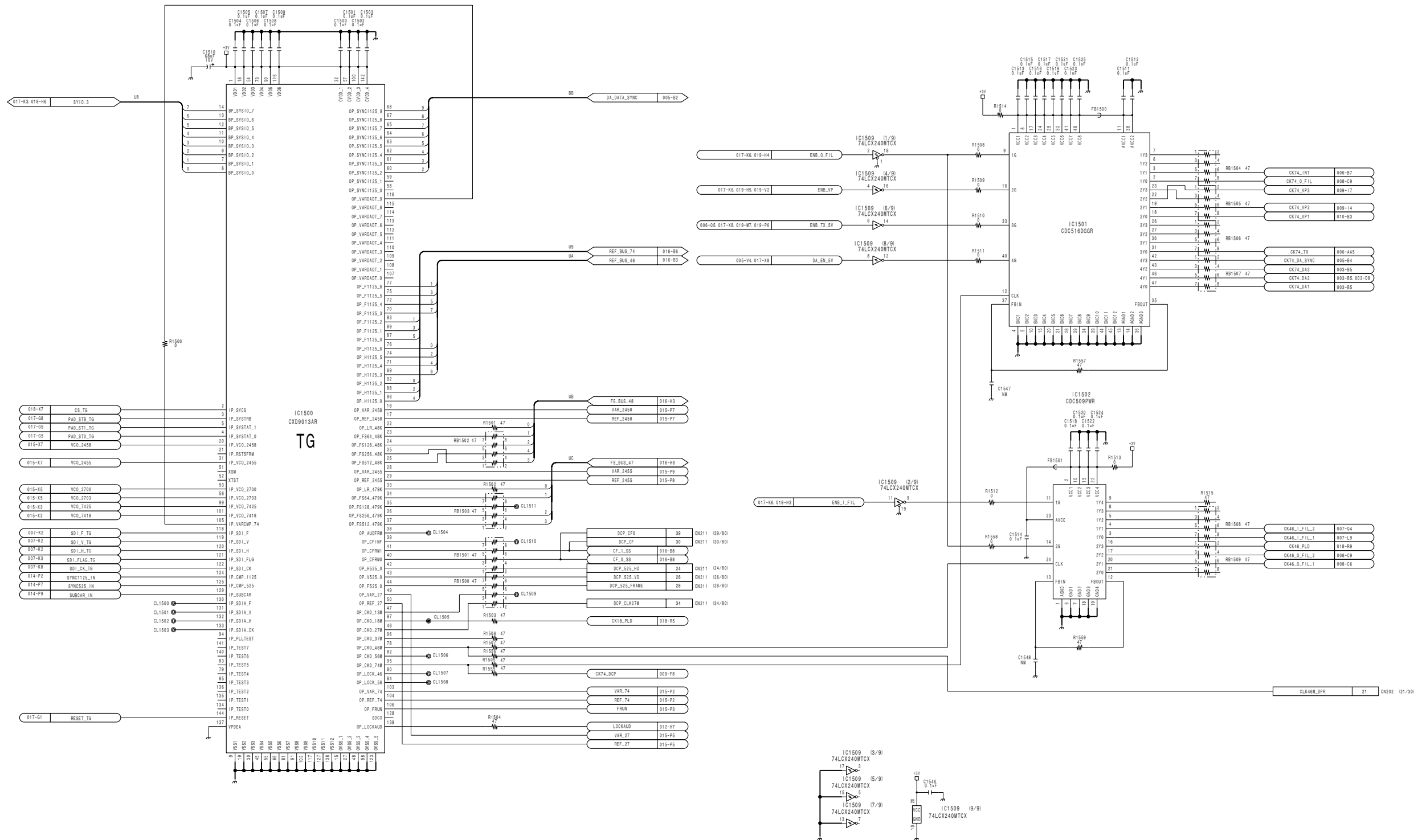
1

2

3

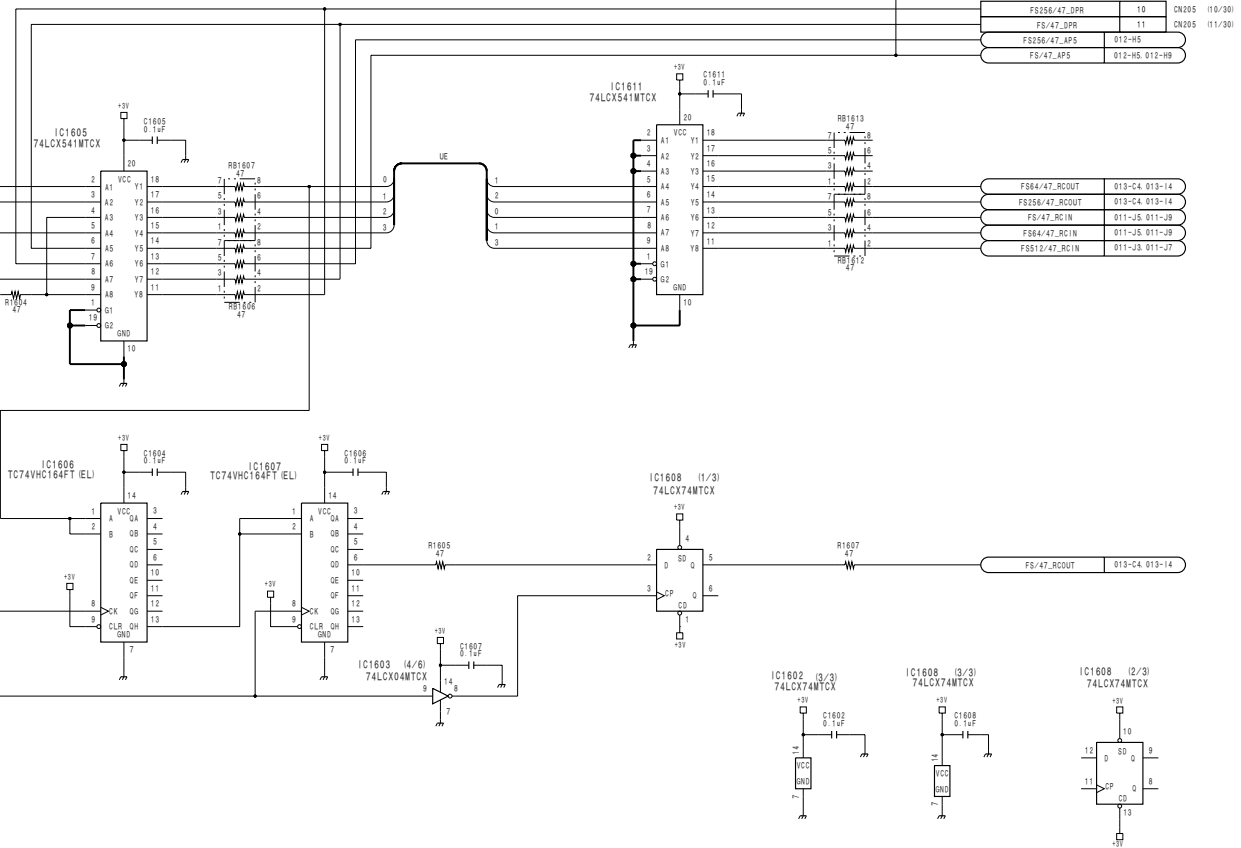
4

5



VPR-53 (16/20)

HDW-250

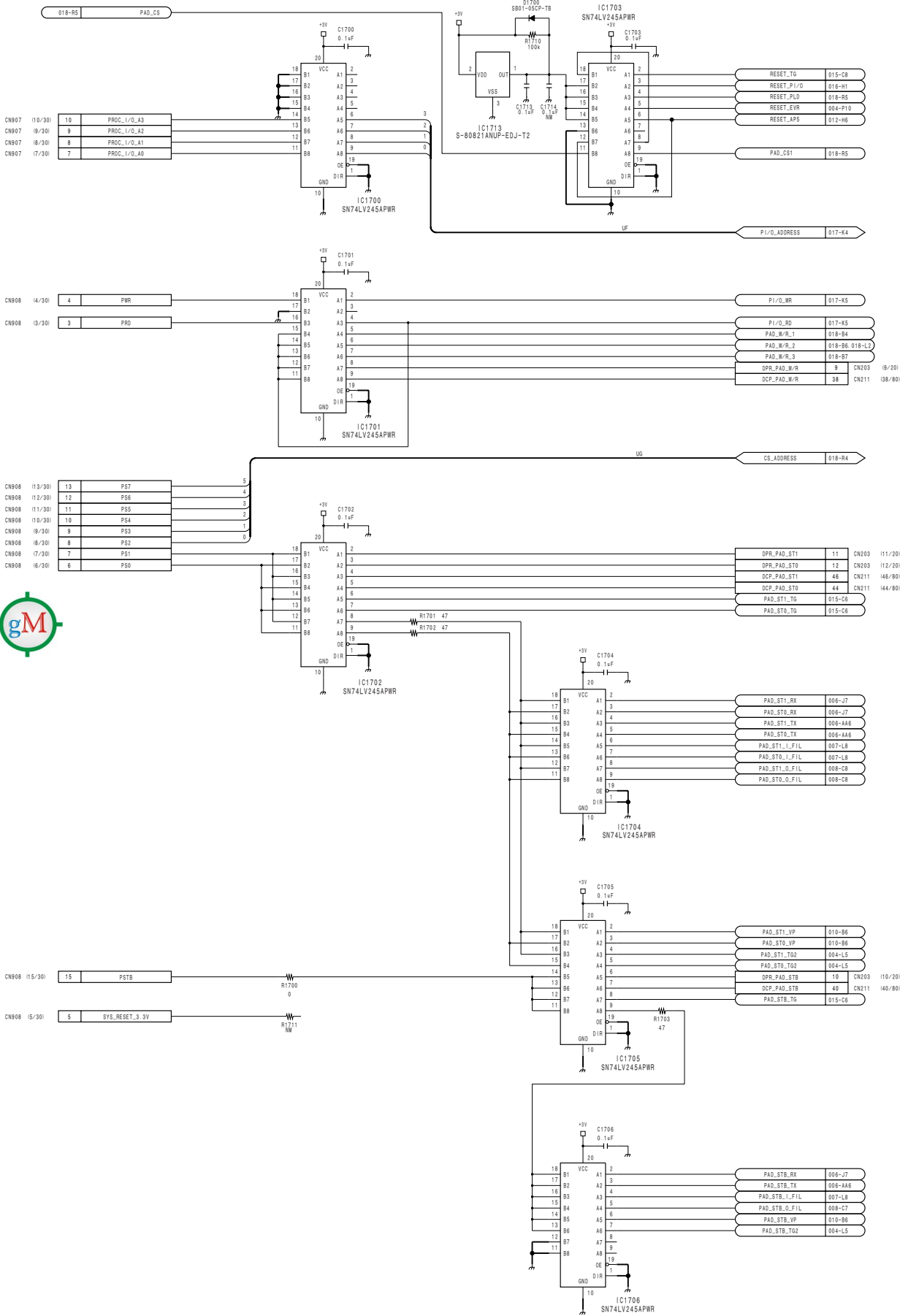


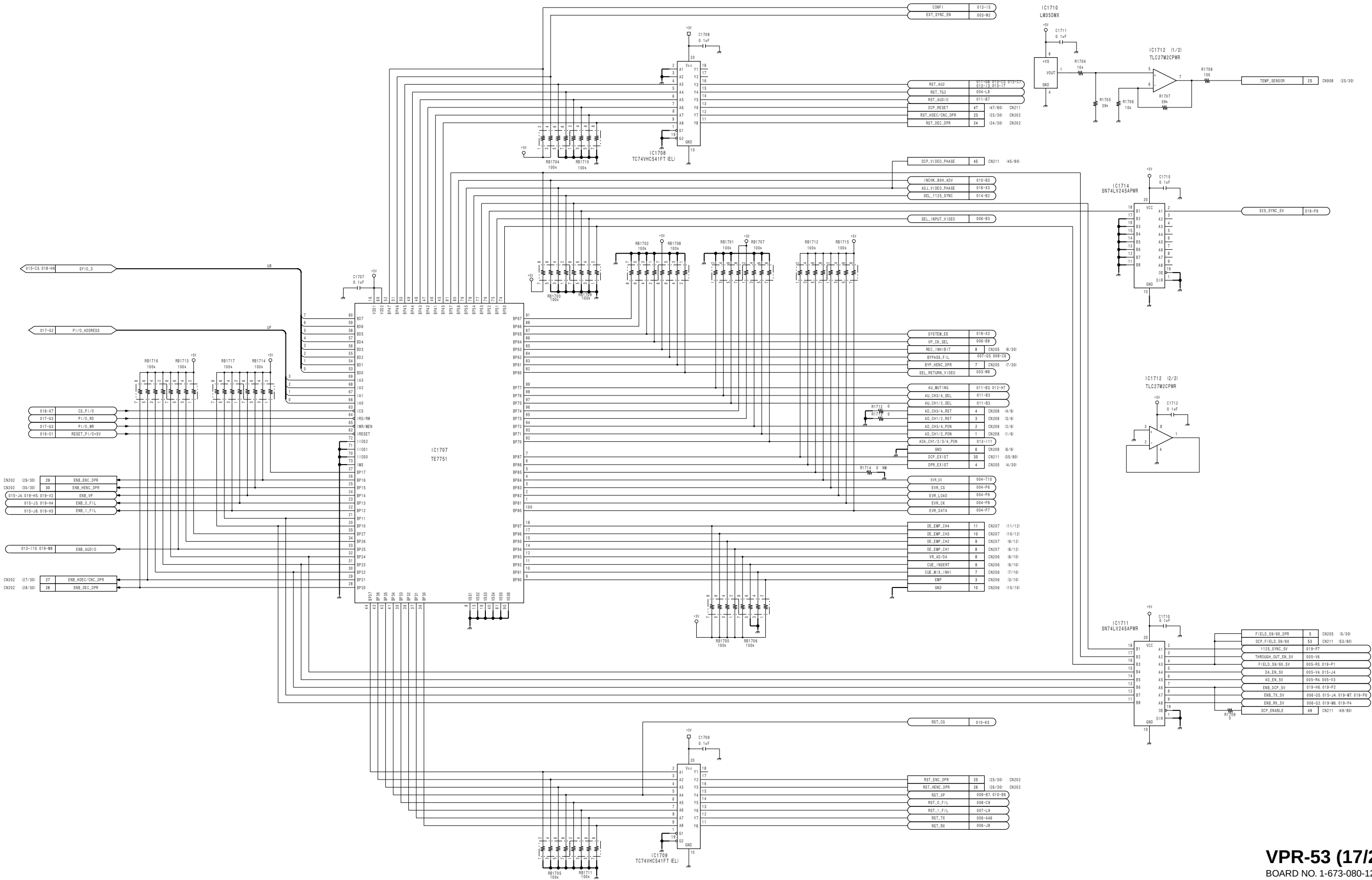
VPR-53 (16/20)
BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_16

5-27 (b)

A	B	C	D	E	F	G
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HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher





VPR-53 (17/20)

BOARD NO. 1-673-080-12

LOT NO. 903-

HDW-250_VPR-53_012_17

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

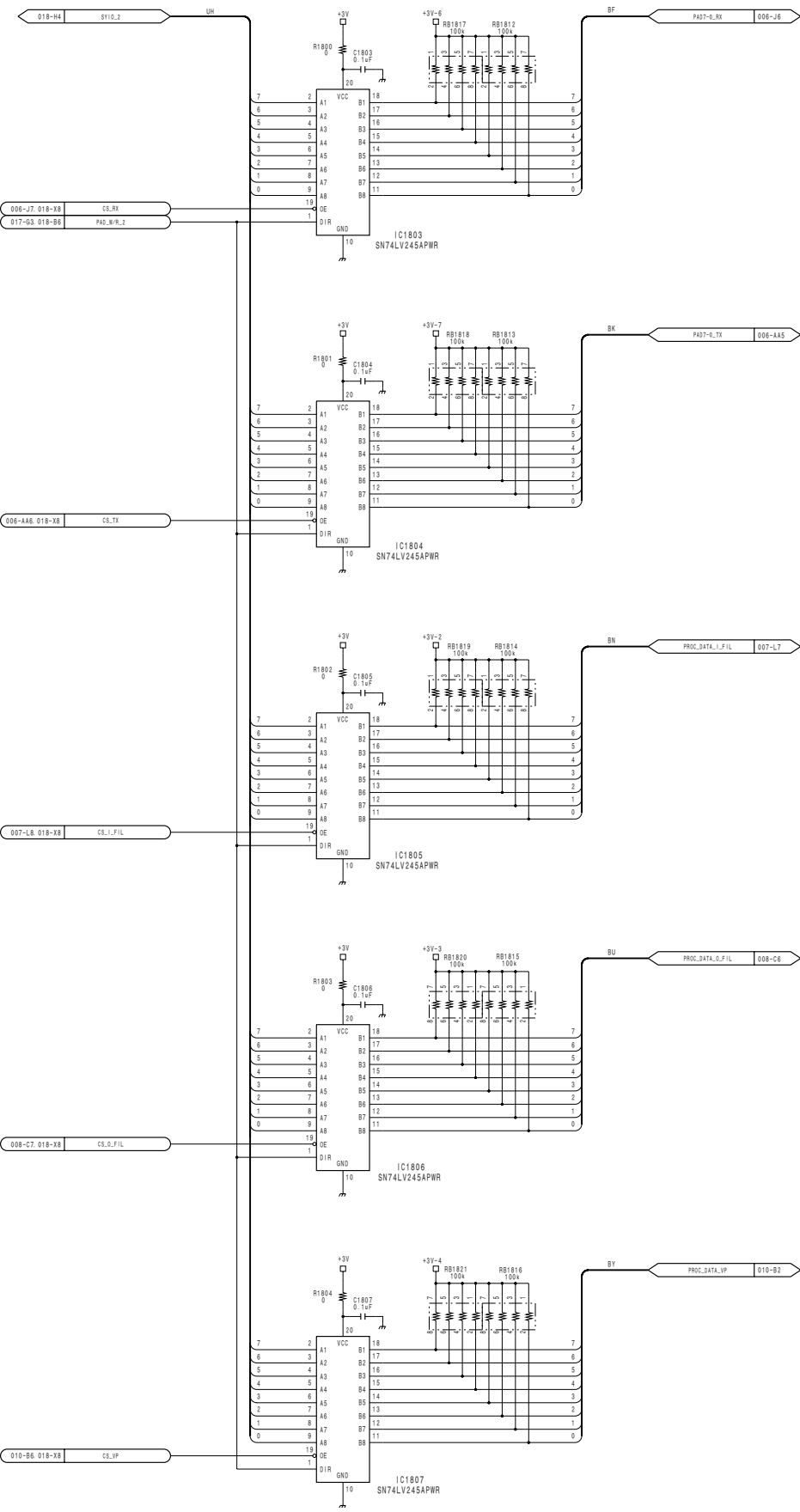
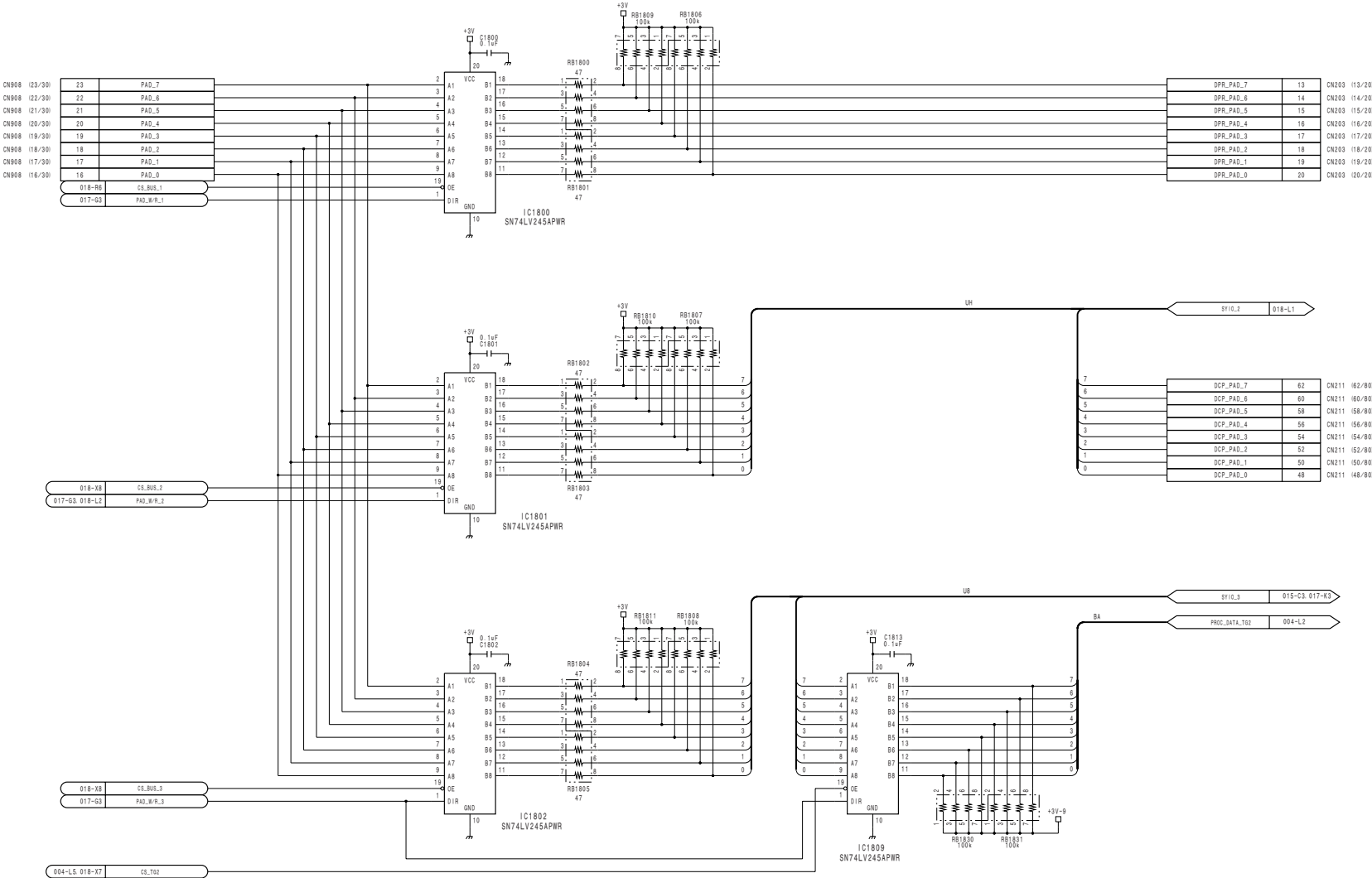
1

2

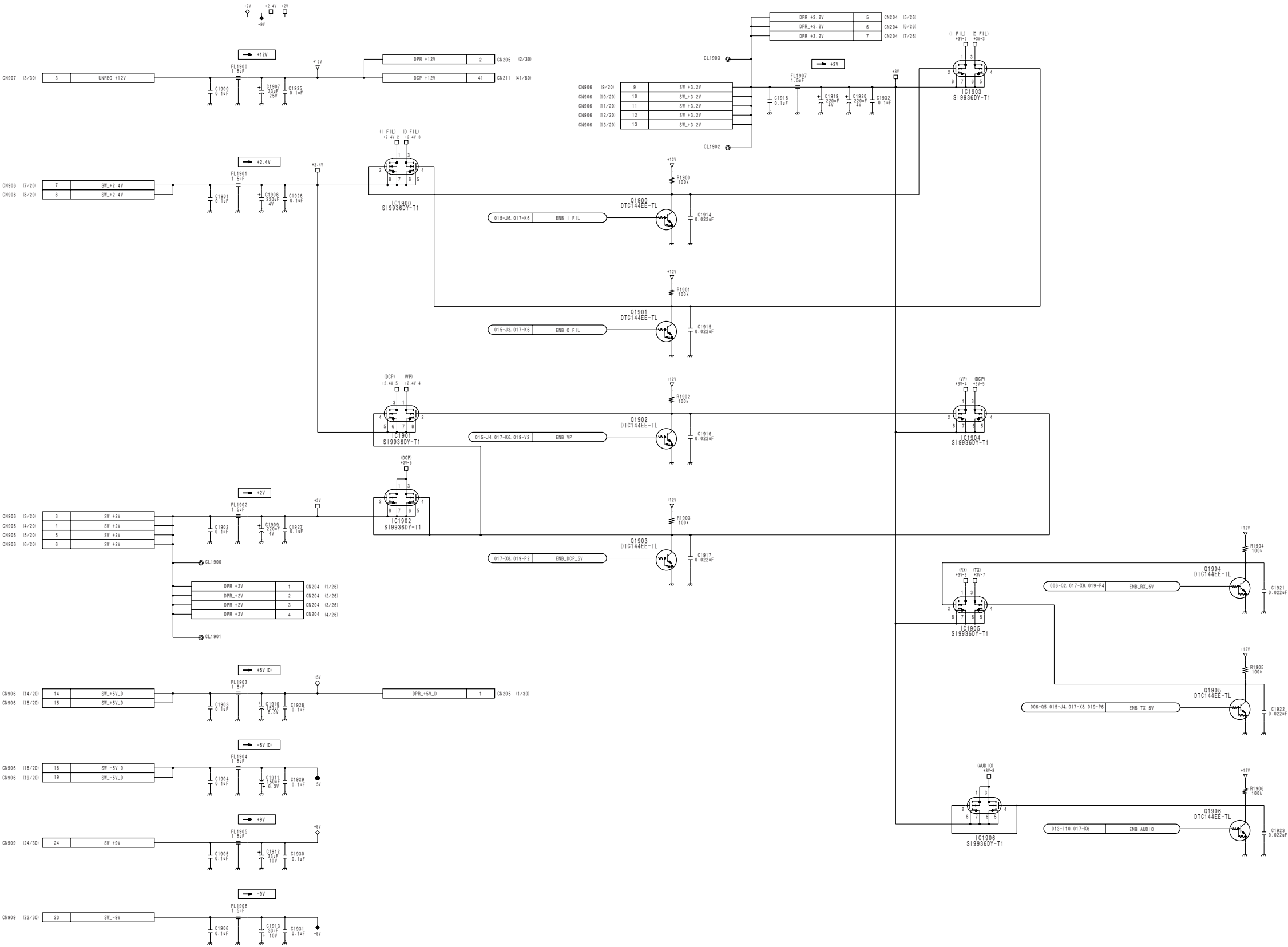
3

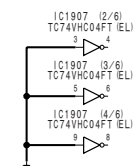
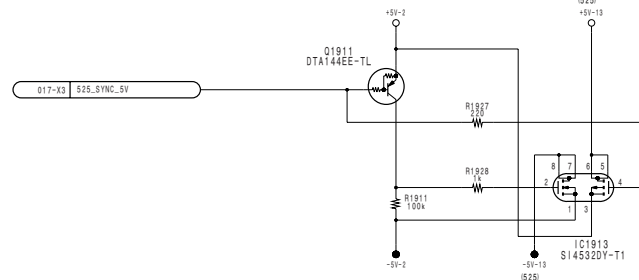
4

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HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher





VPR-53 (19/20)

BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_19

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

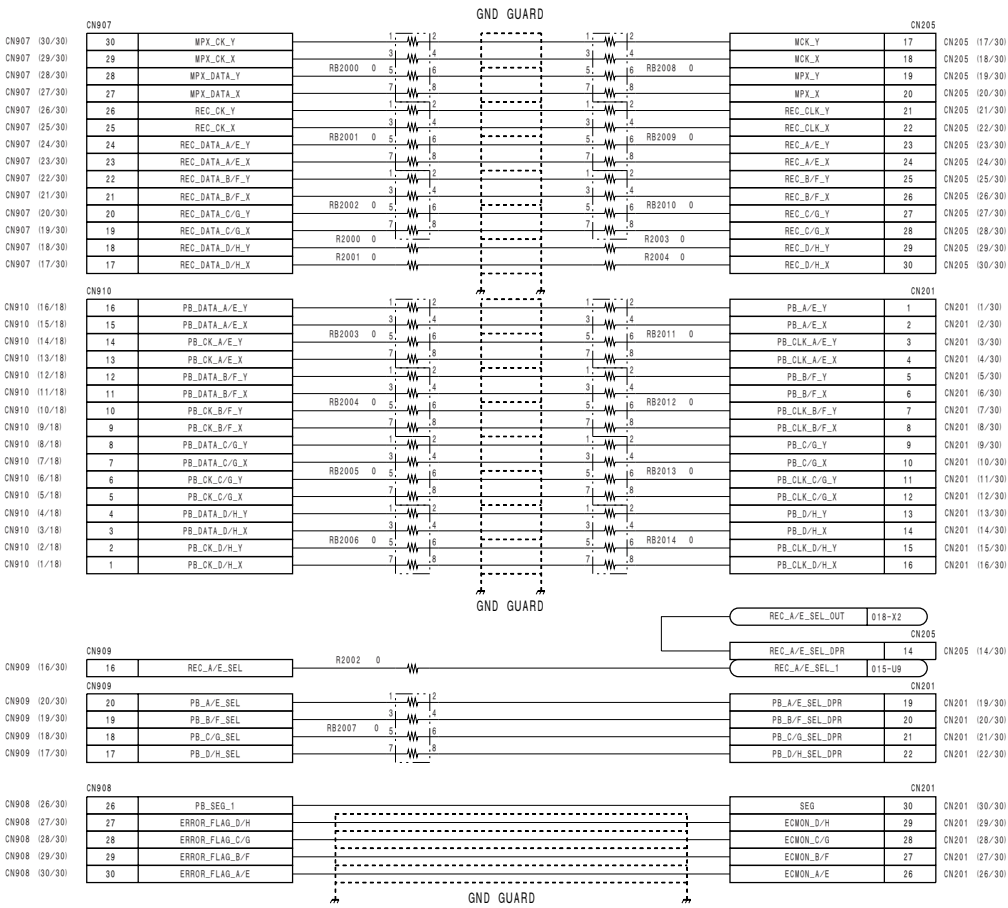
1

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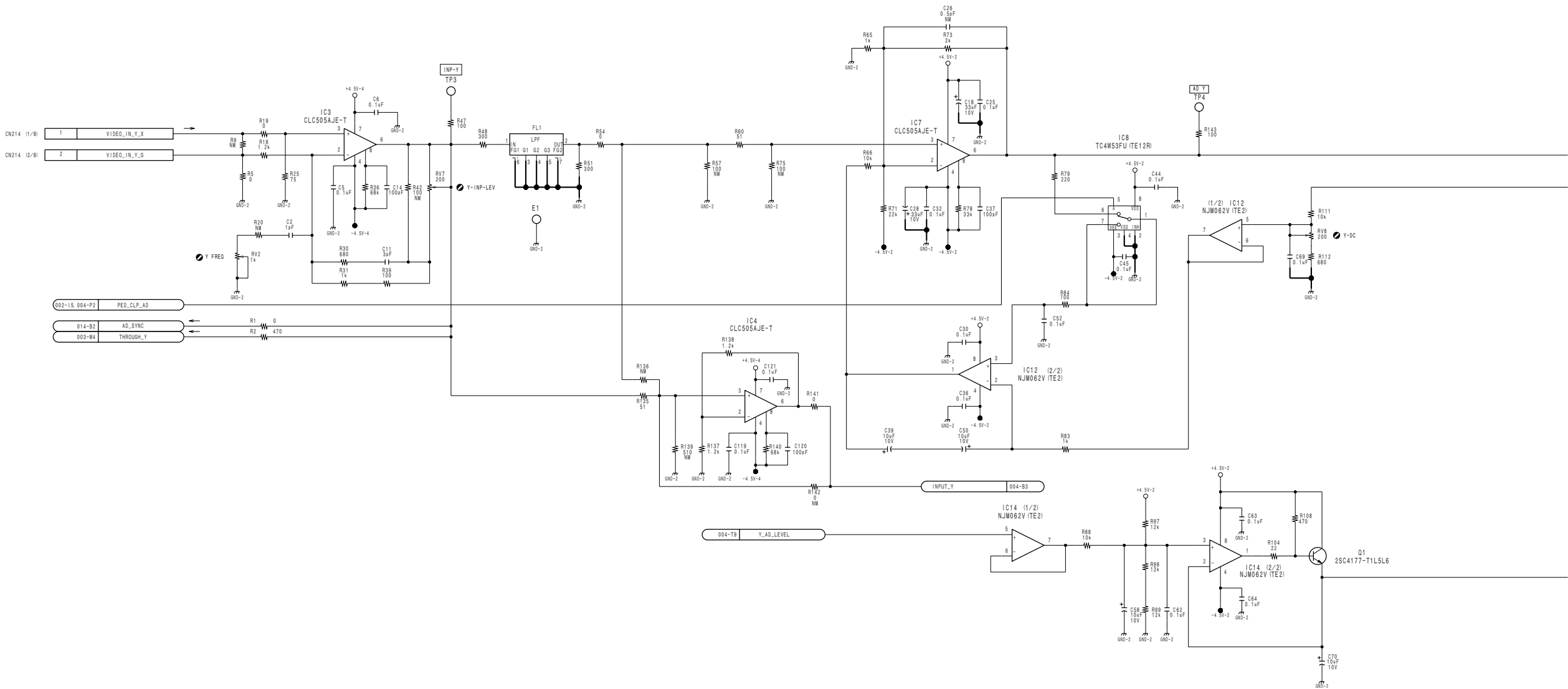
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VPR-53 (20/20)

BOARD NO. 1-673-080-12
LOT NO. 903-
HDW-250_VPR-53_012_20

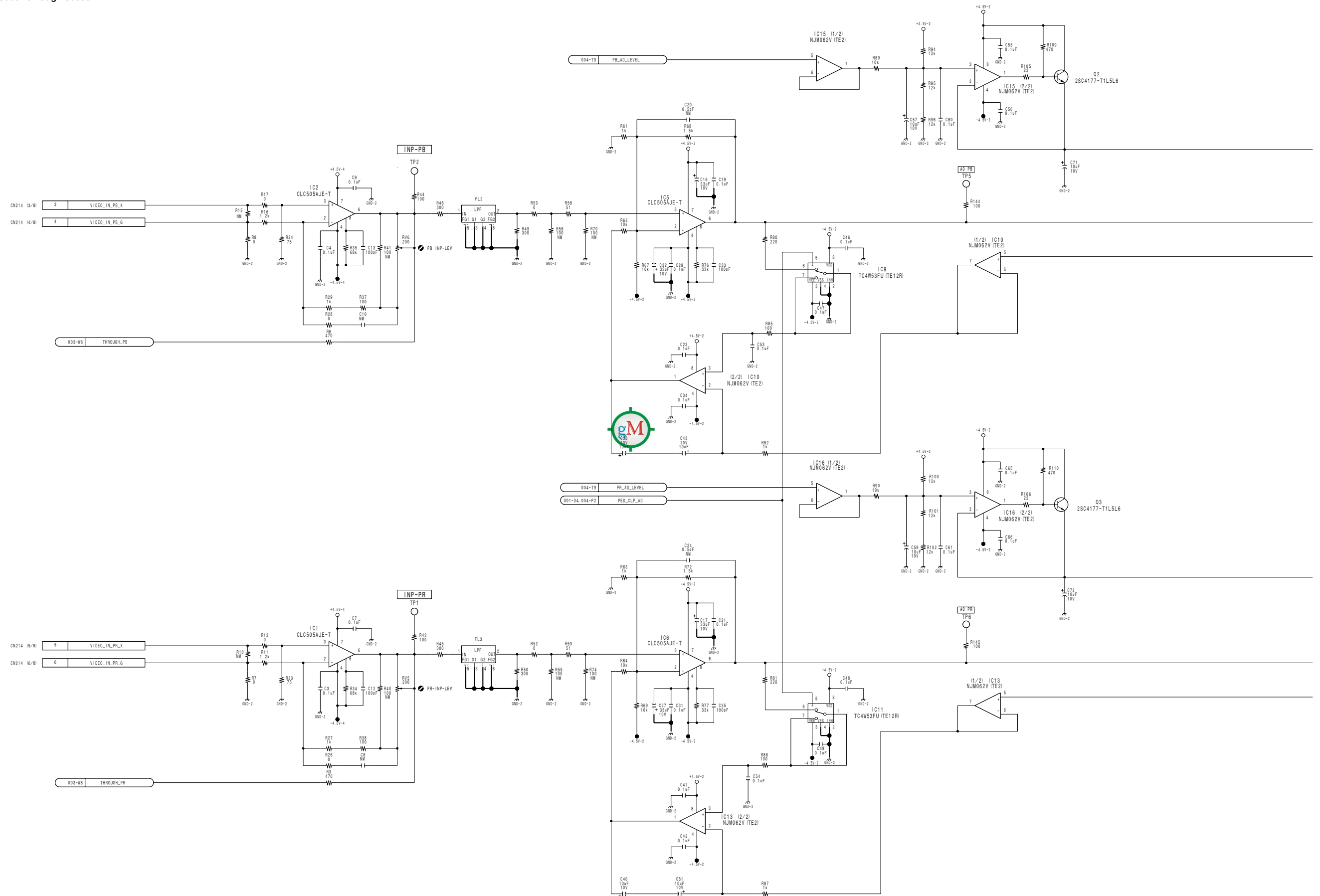
HDW-250 (J) : S/N 30001 through 30050



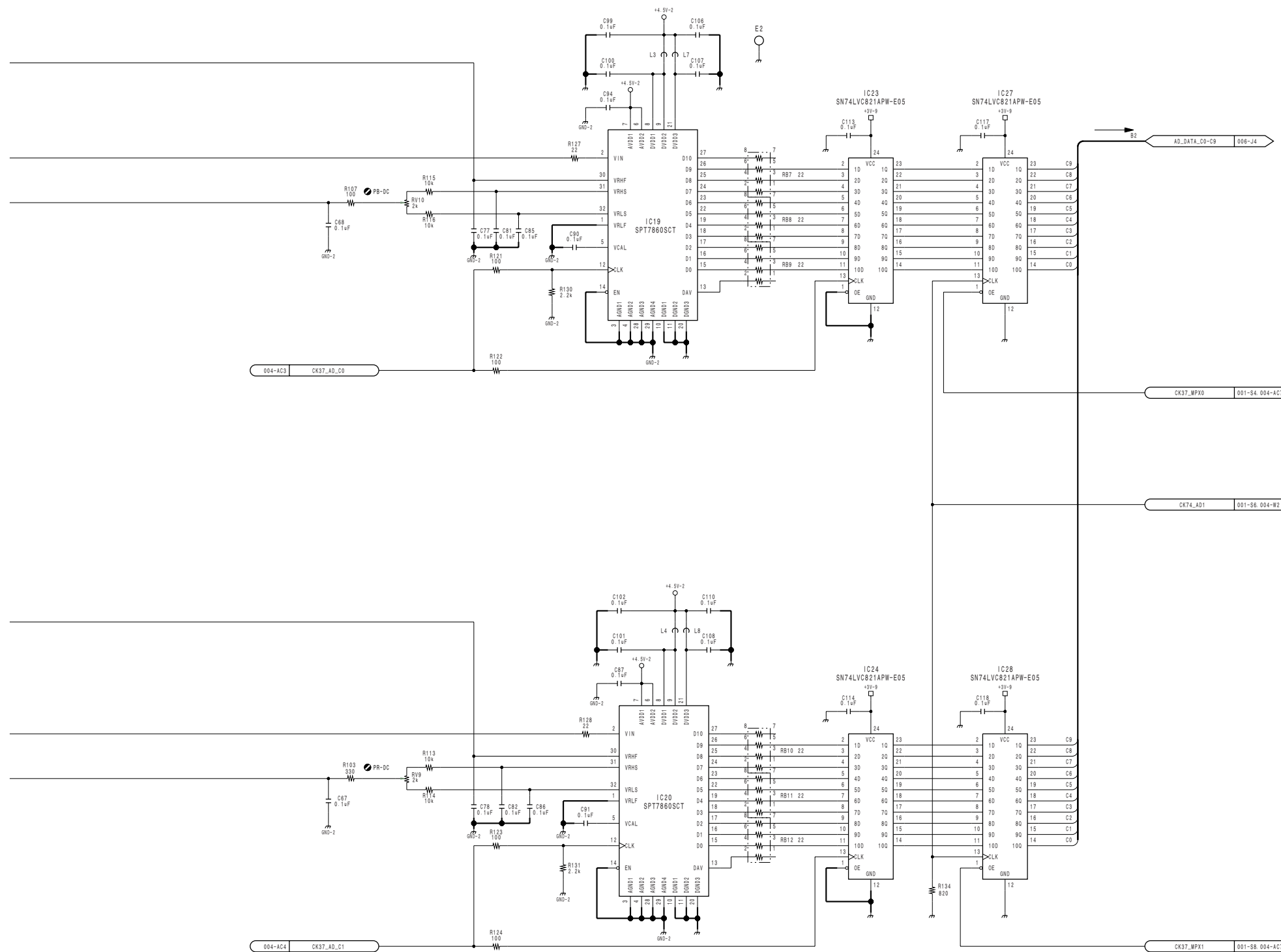
5-4 (a)

5-4 (a)

HDW-250 (J) : S/N 30001 through 30050



5-6 (a)

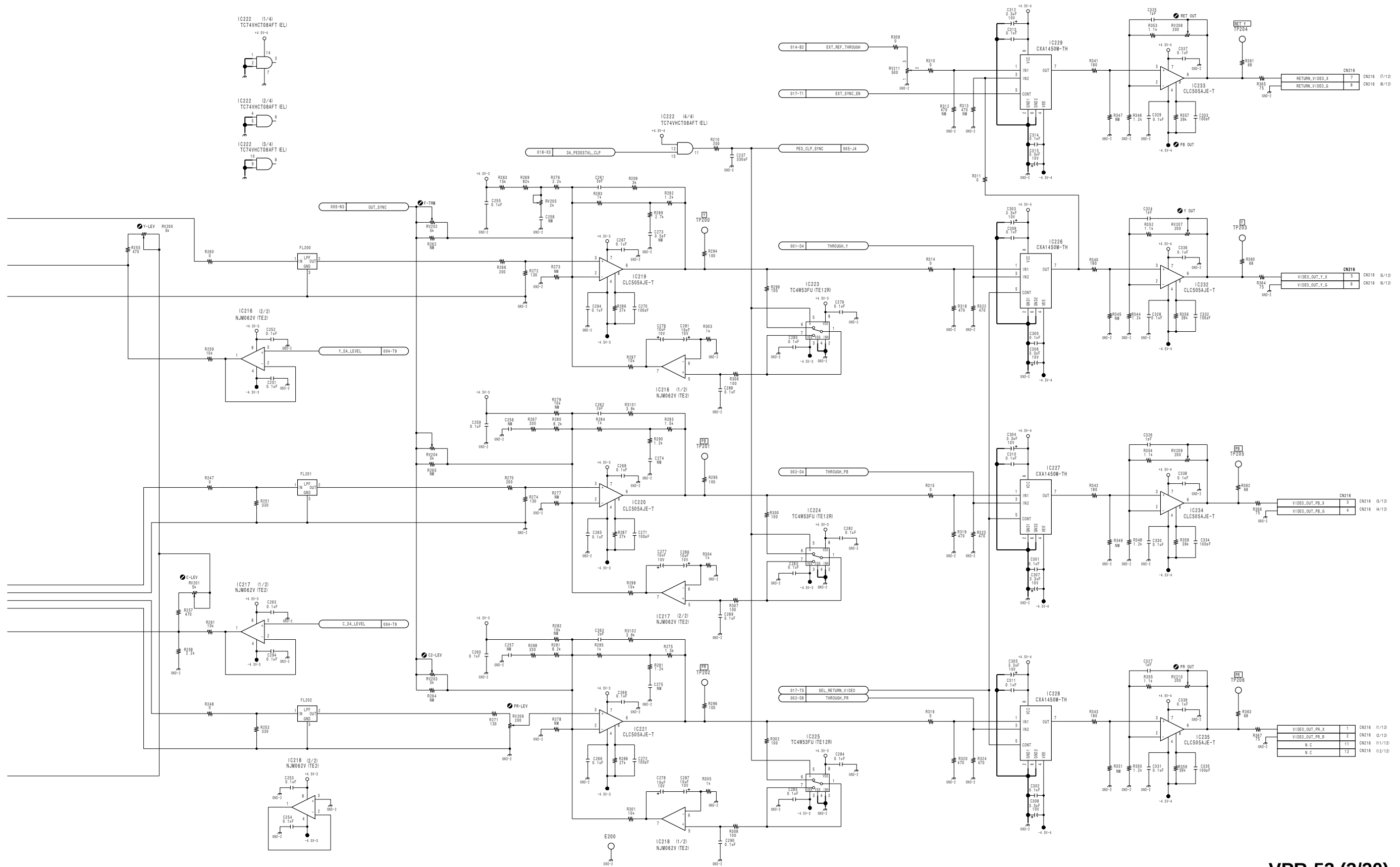


5-7 (a)

5-7 (a)

5

5-8 (a)



VPR-53 (3/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_3

HDW-250 (J) : S/N 30001 through 30050

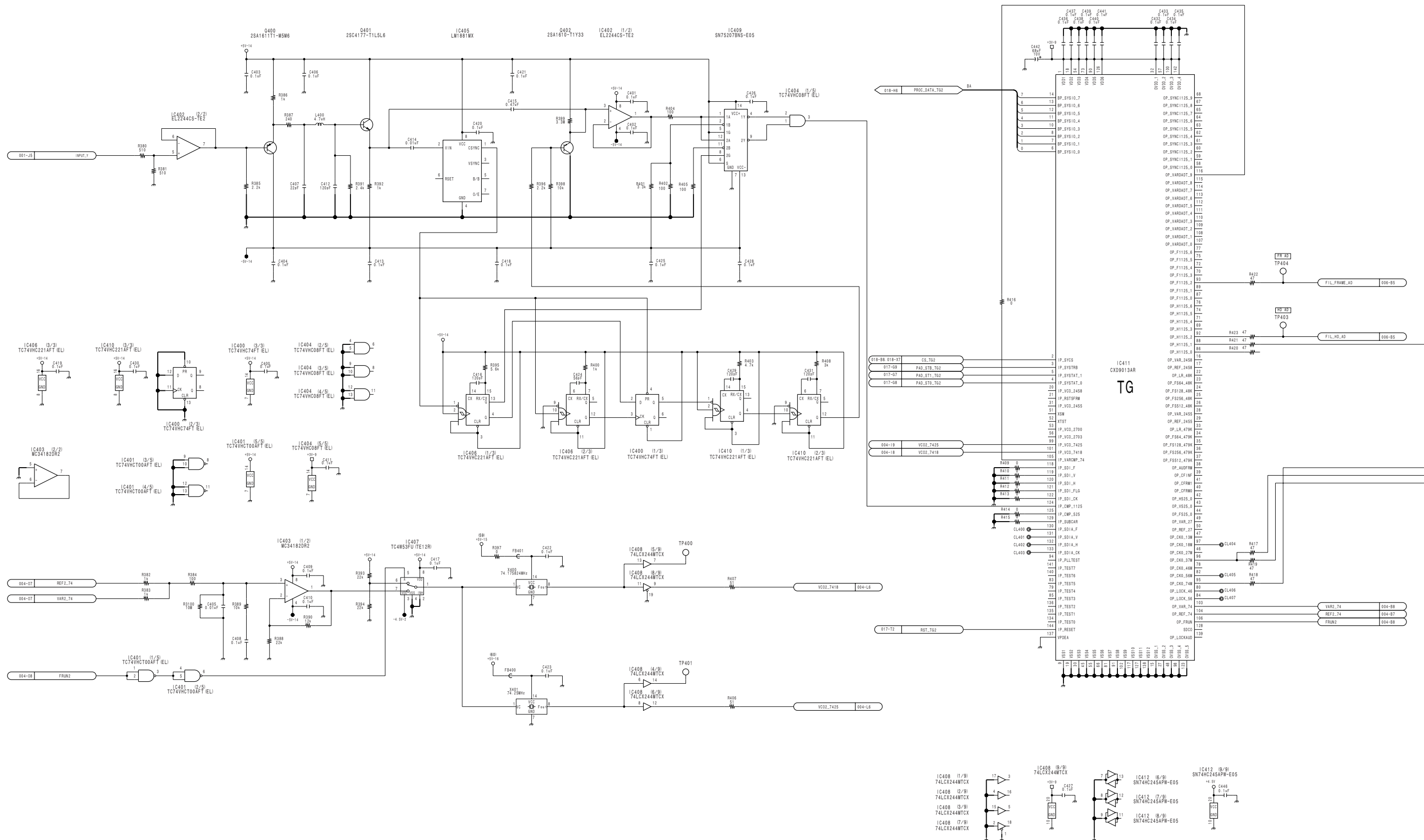
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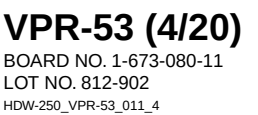
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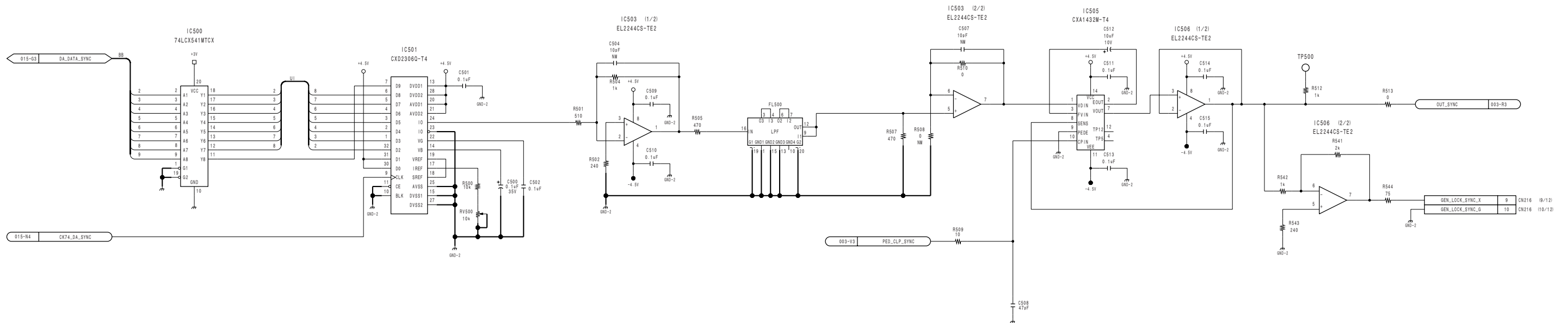




HDW-250 (J) : S/N 30001 through 30050

1

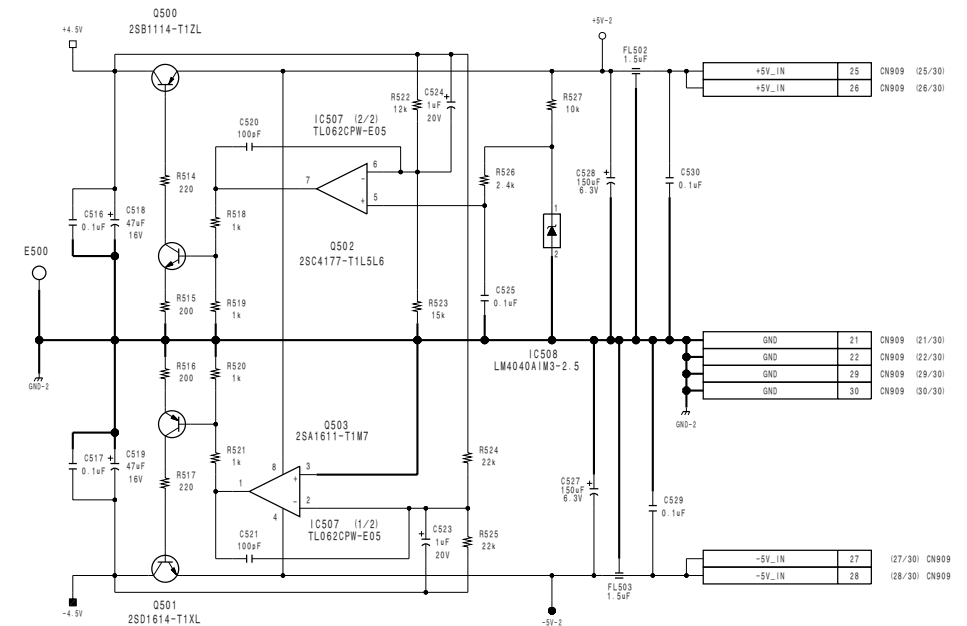
2



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5-12 (a)

5-12 (a)

HDW-250

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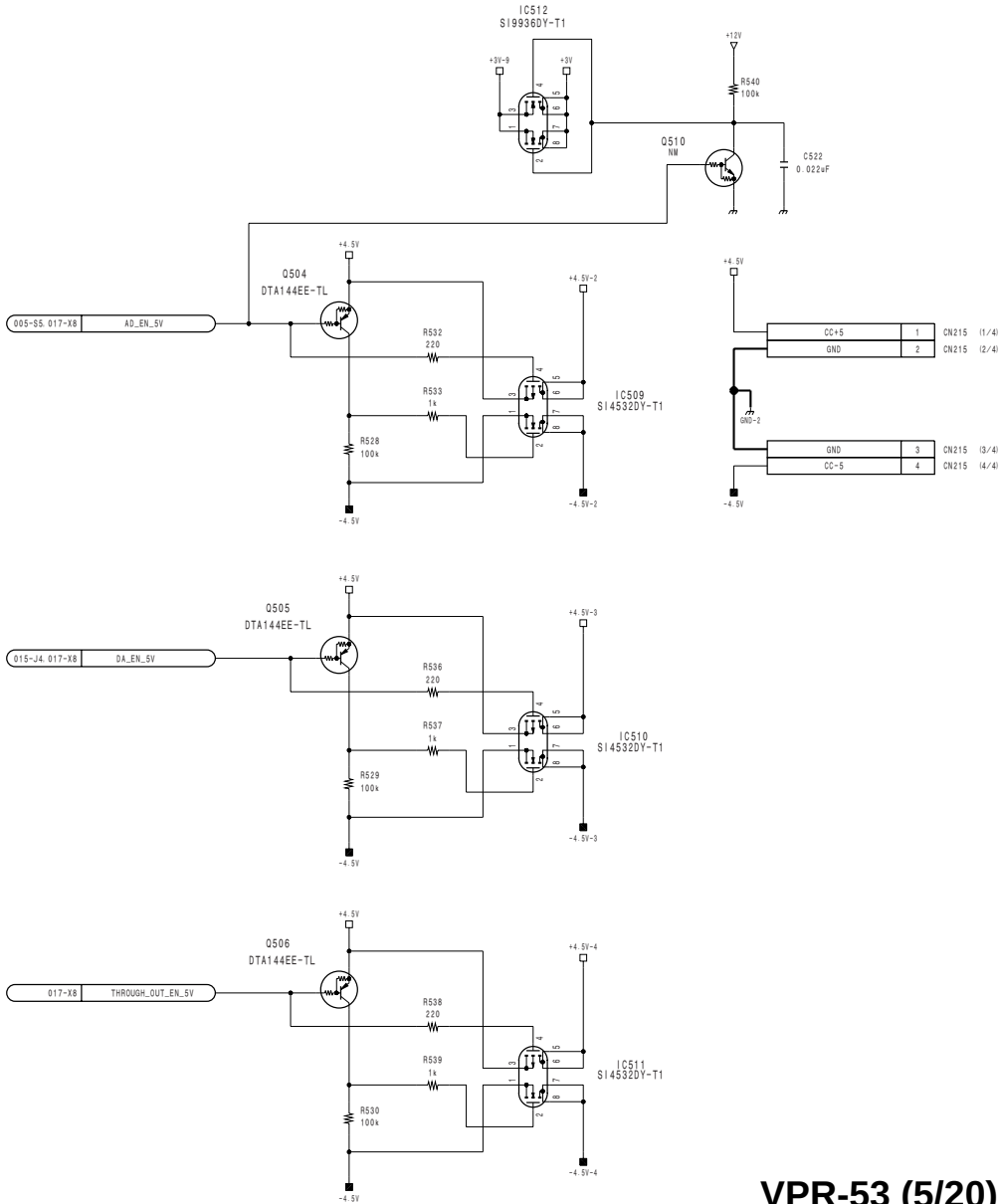
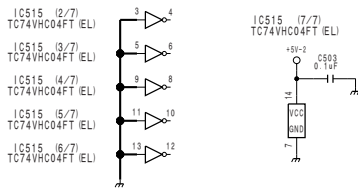
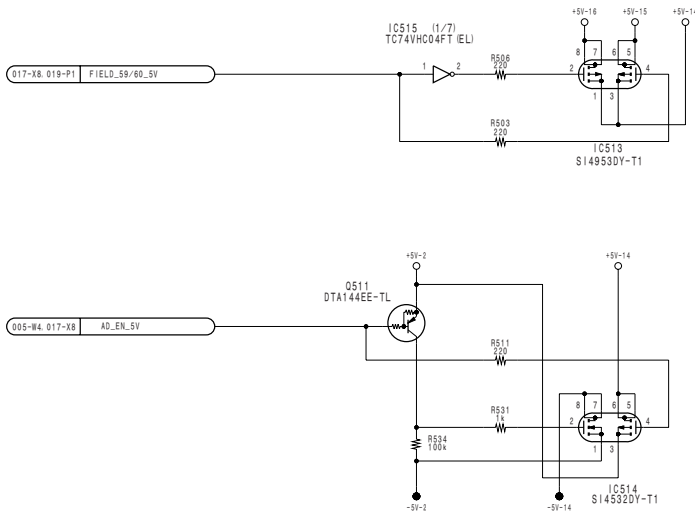
D

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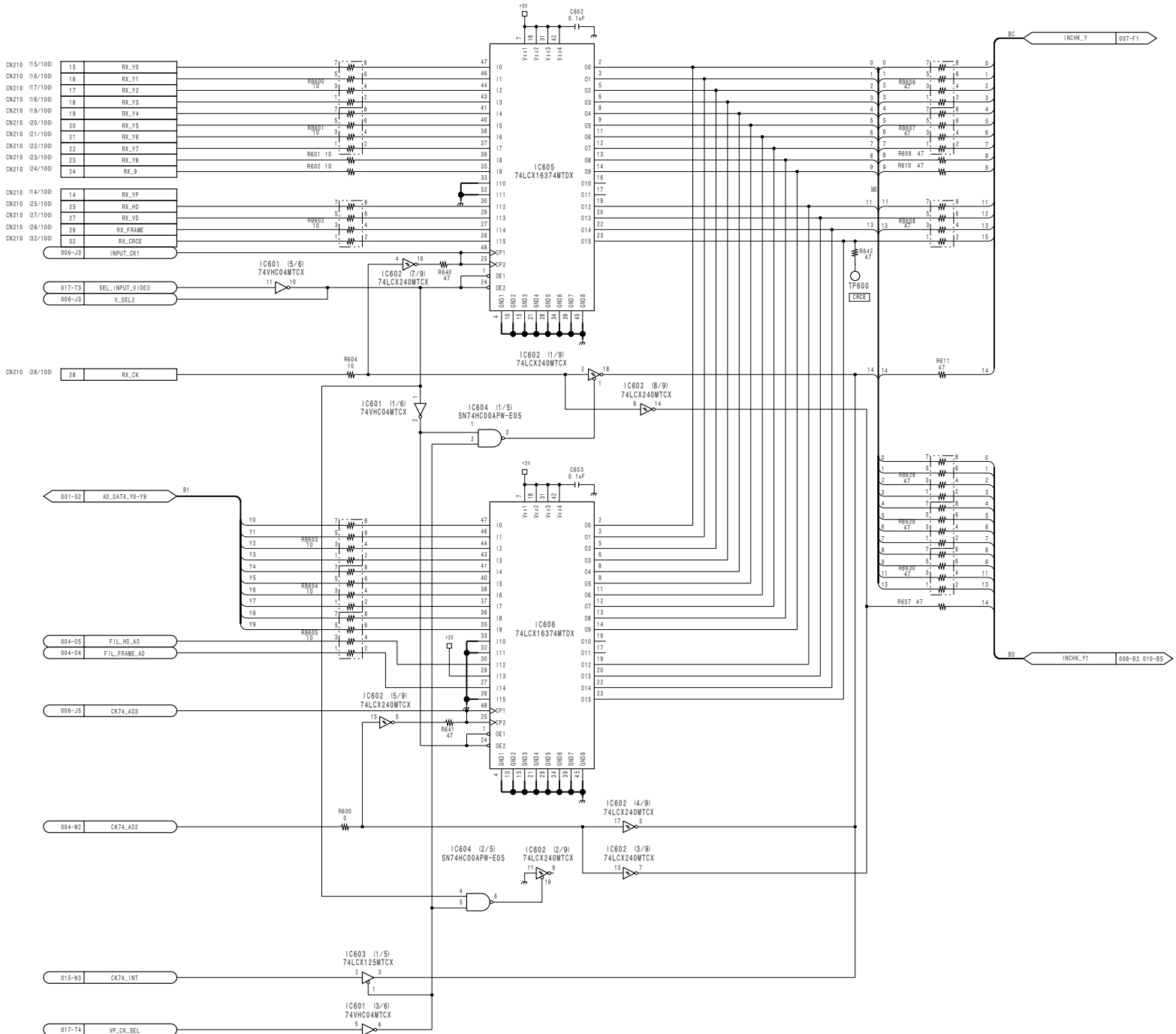
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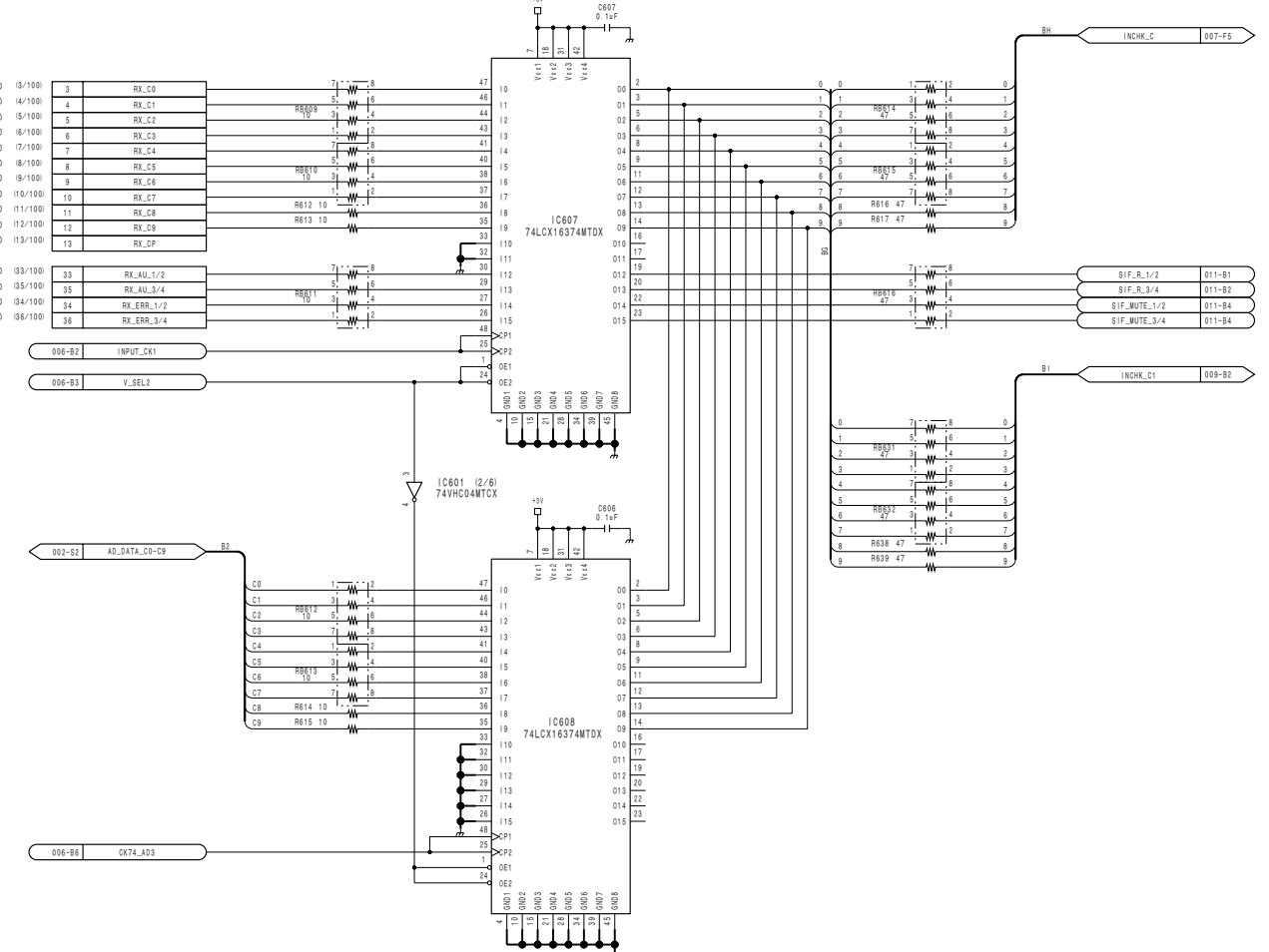
VPR-53 (5/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_5

HDW-250 (J) : S/N 30001 through 30050

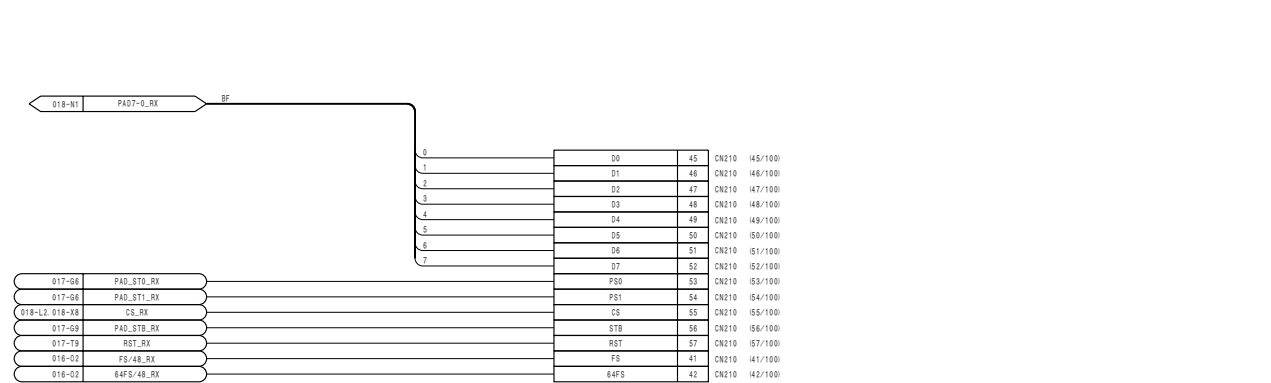
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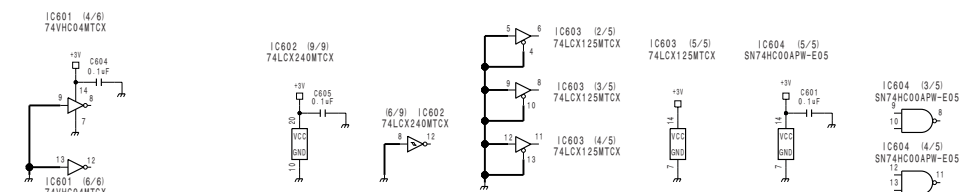
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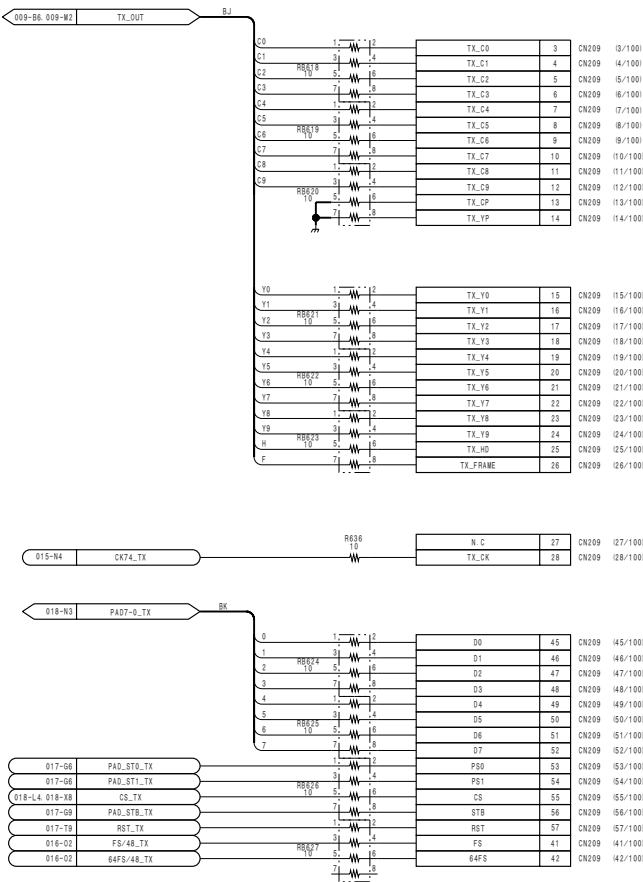
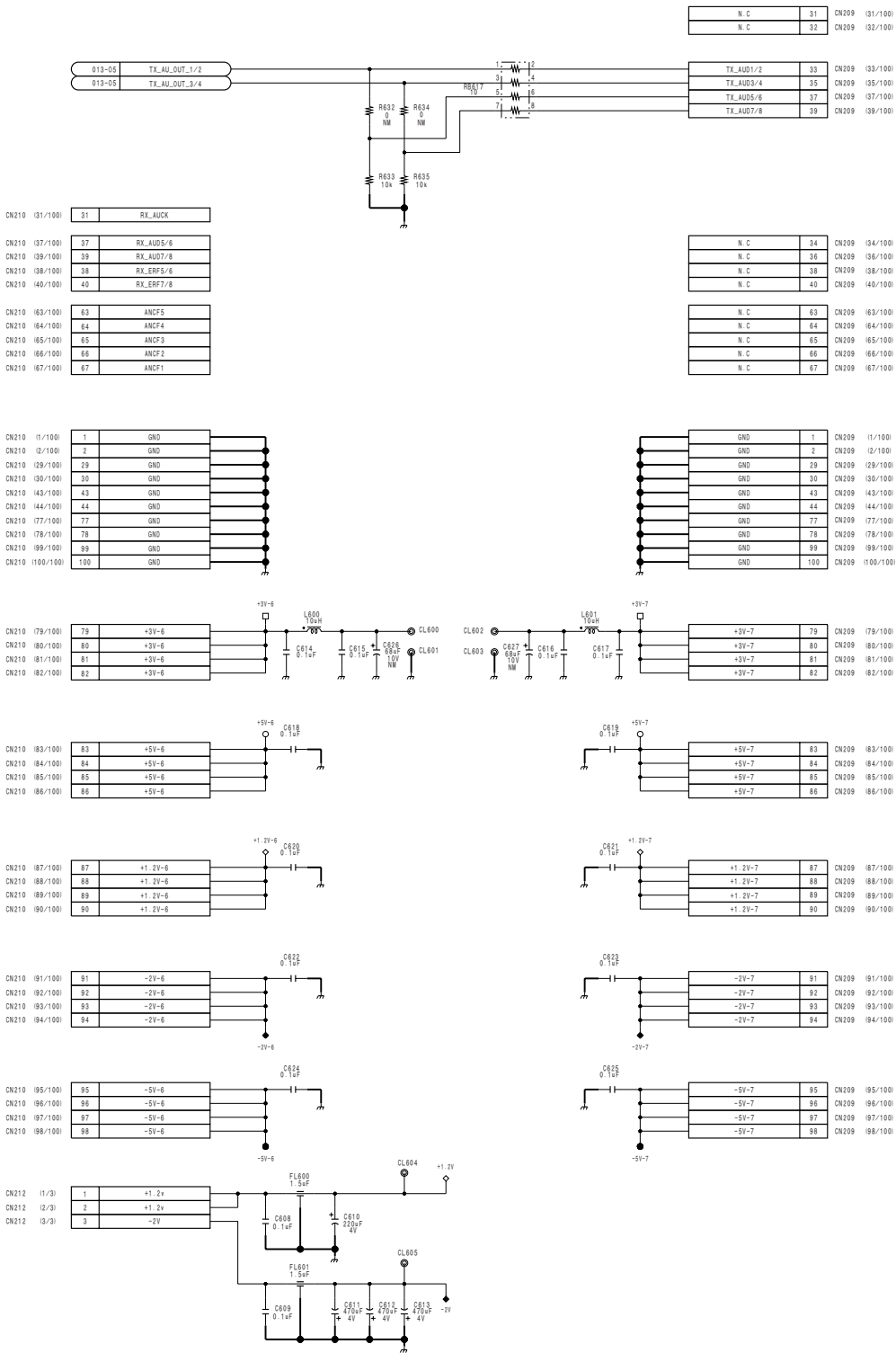
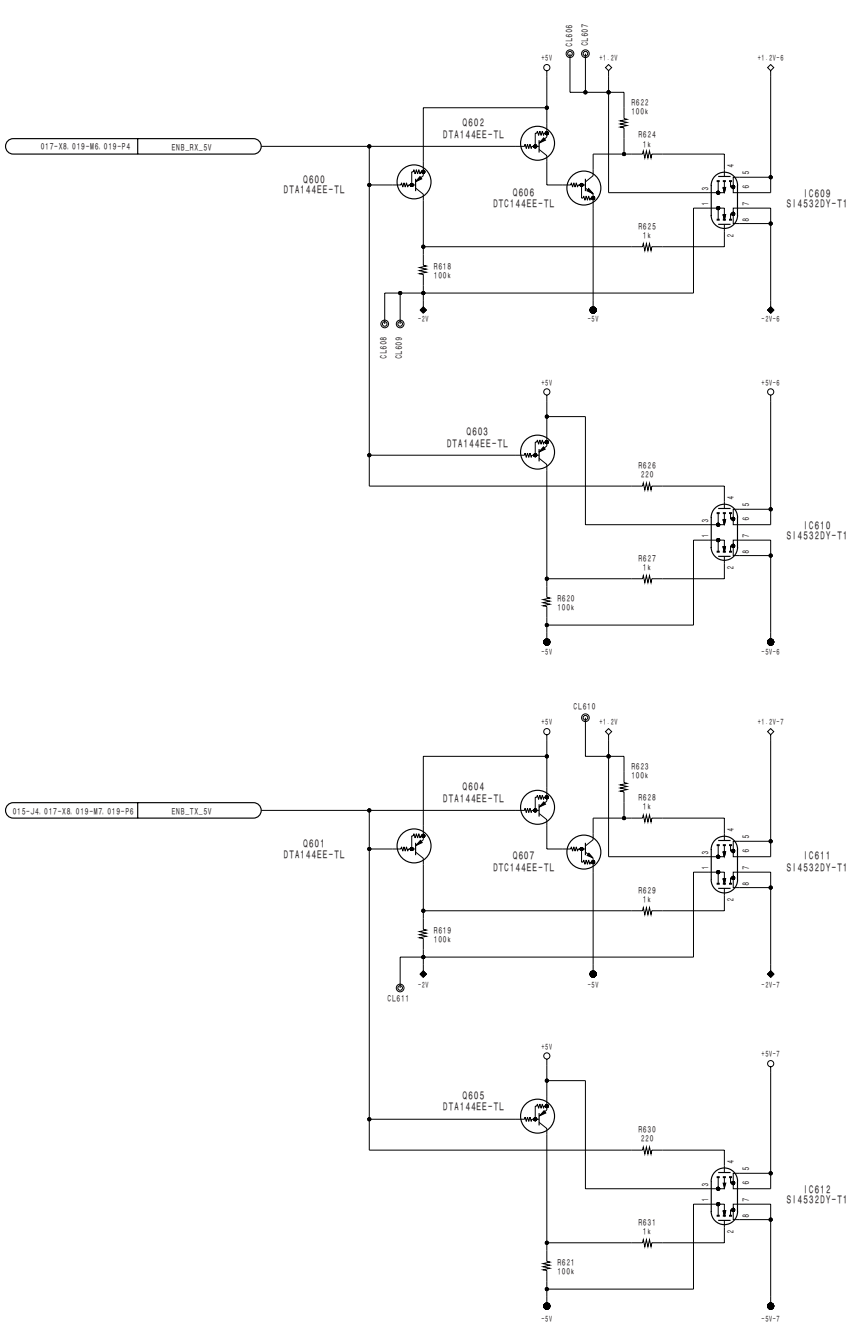


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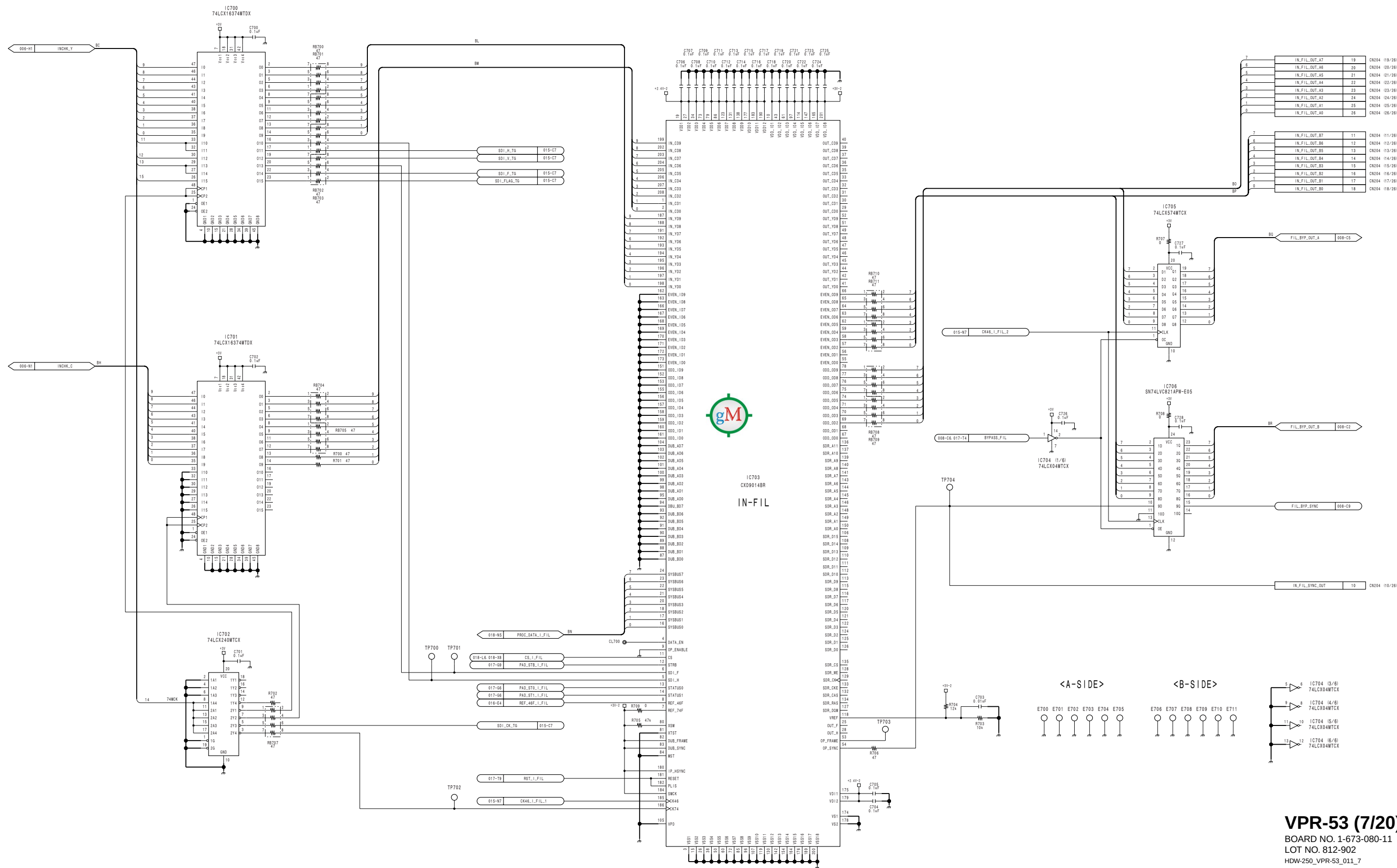
5





VPR-53 (7/20)

HDW-250 (J) : S/N 30001 through 30050



VPR-53 (7/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_7

HDW-250

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HDW-250_VPR-53_011_8

HDW-250 (J) : S/N 30001 through 30050

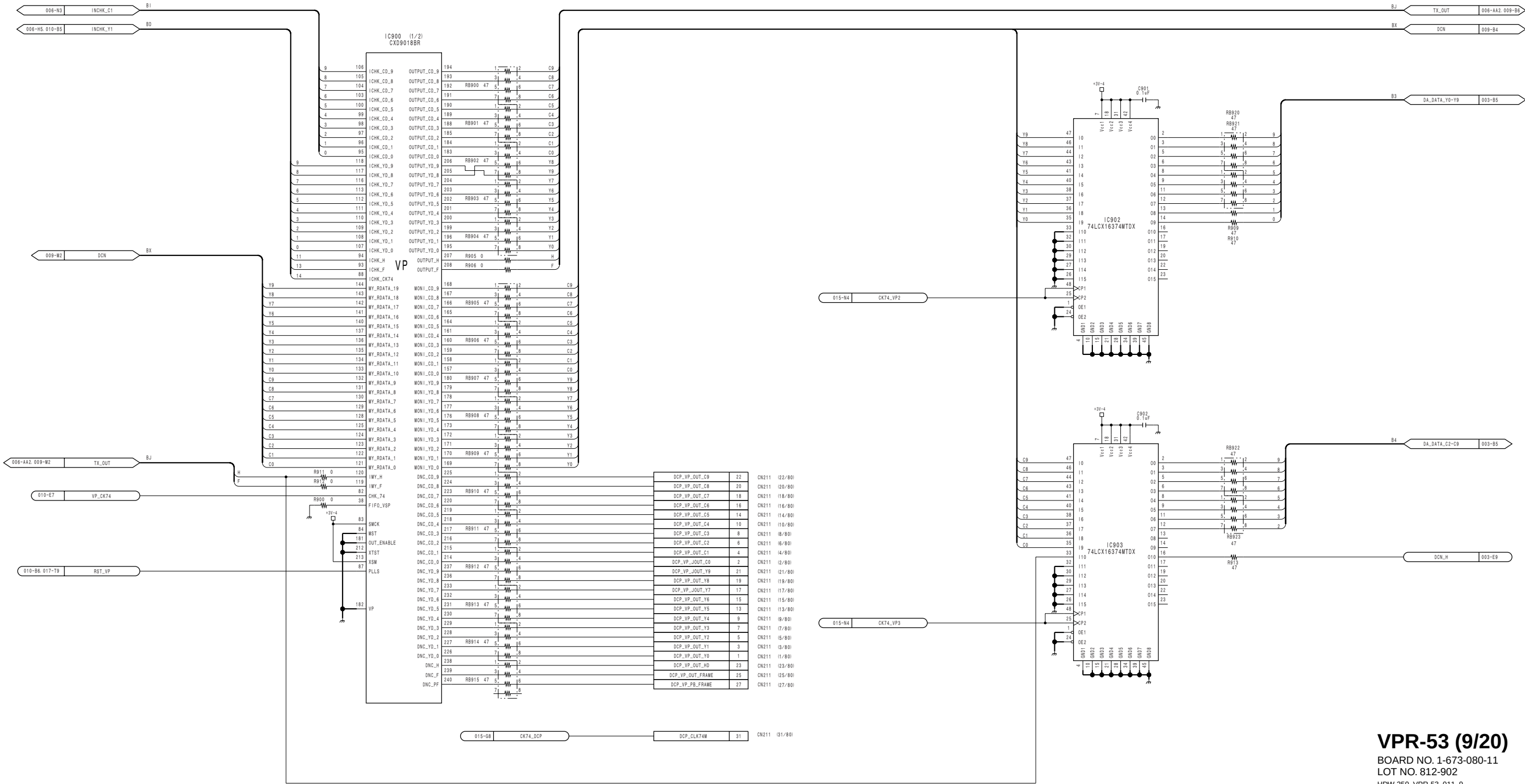
1

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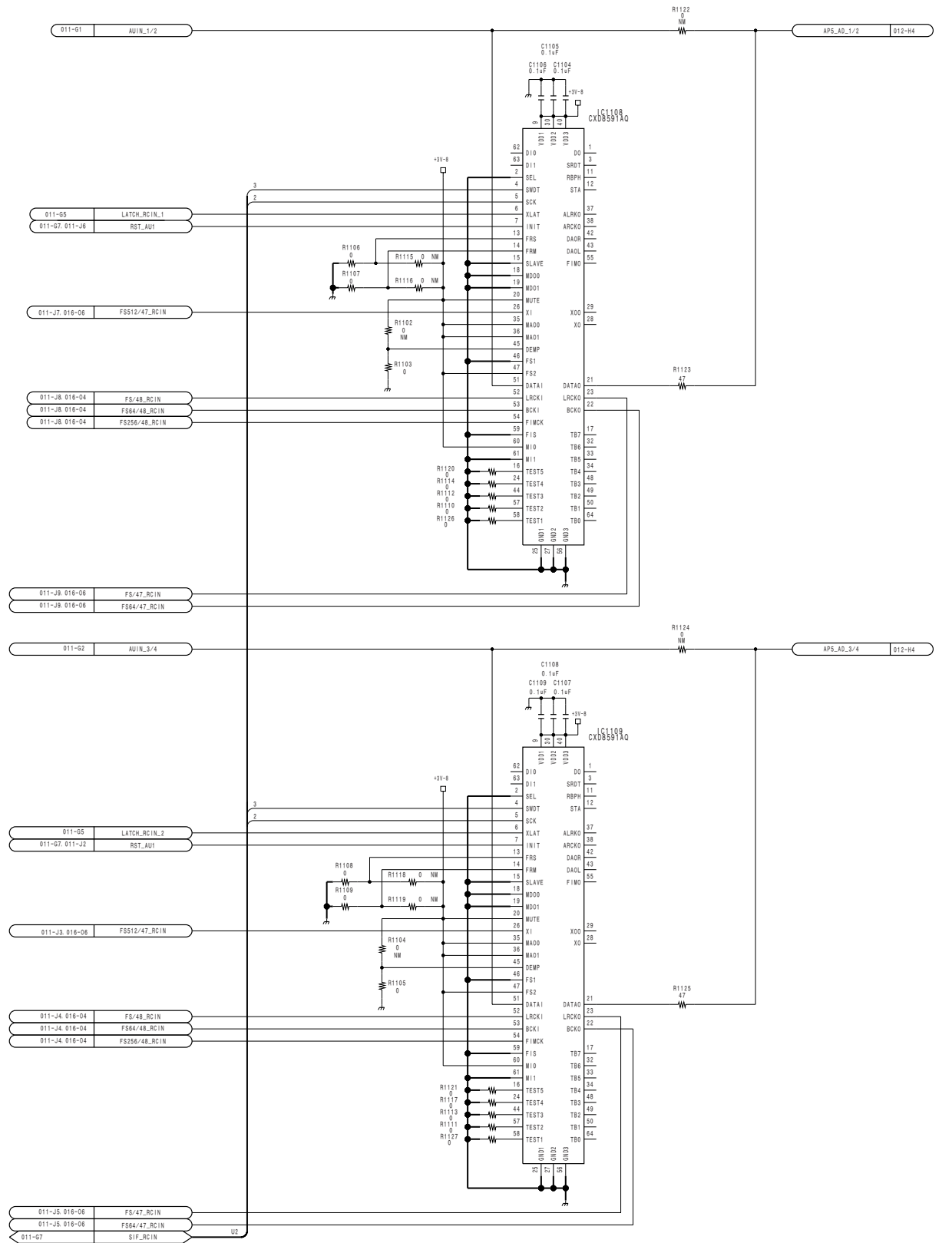
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VPR-53 (9/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_9

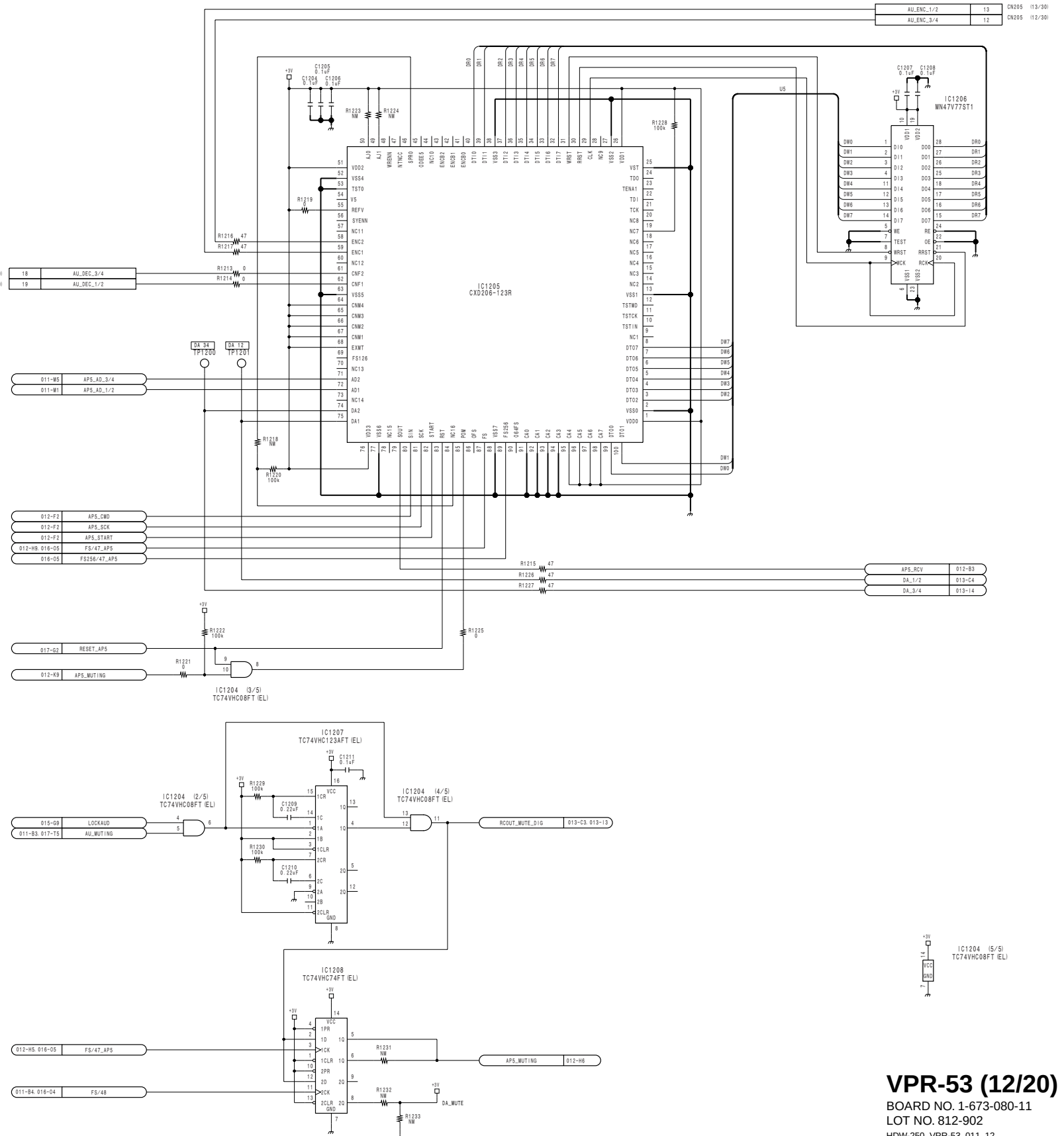
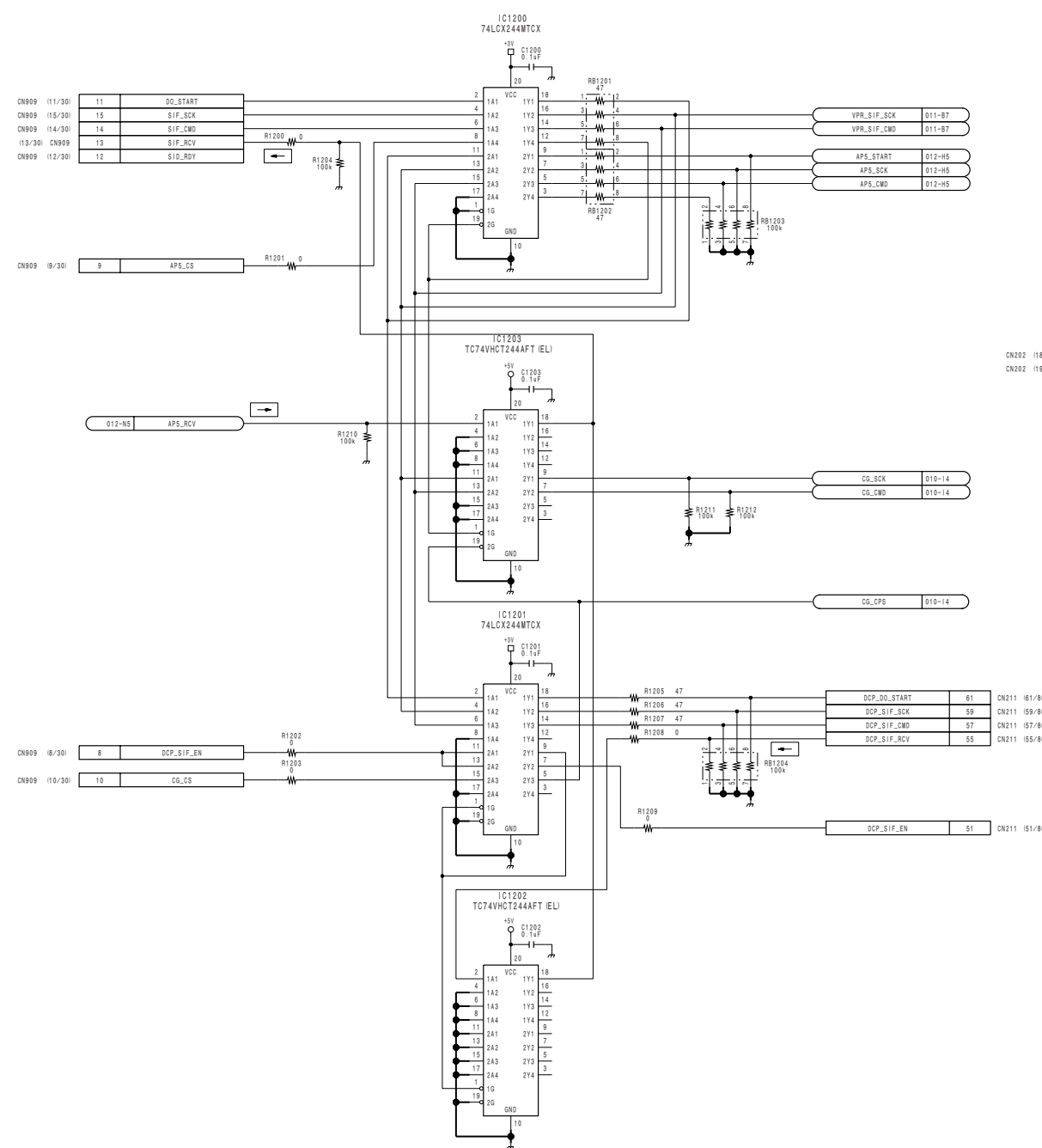
H

5-20 (a)



HDW-250

HDW-250 (J) : S/N 30001 through 30050



HDW-250

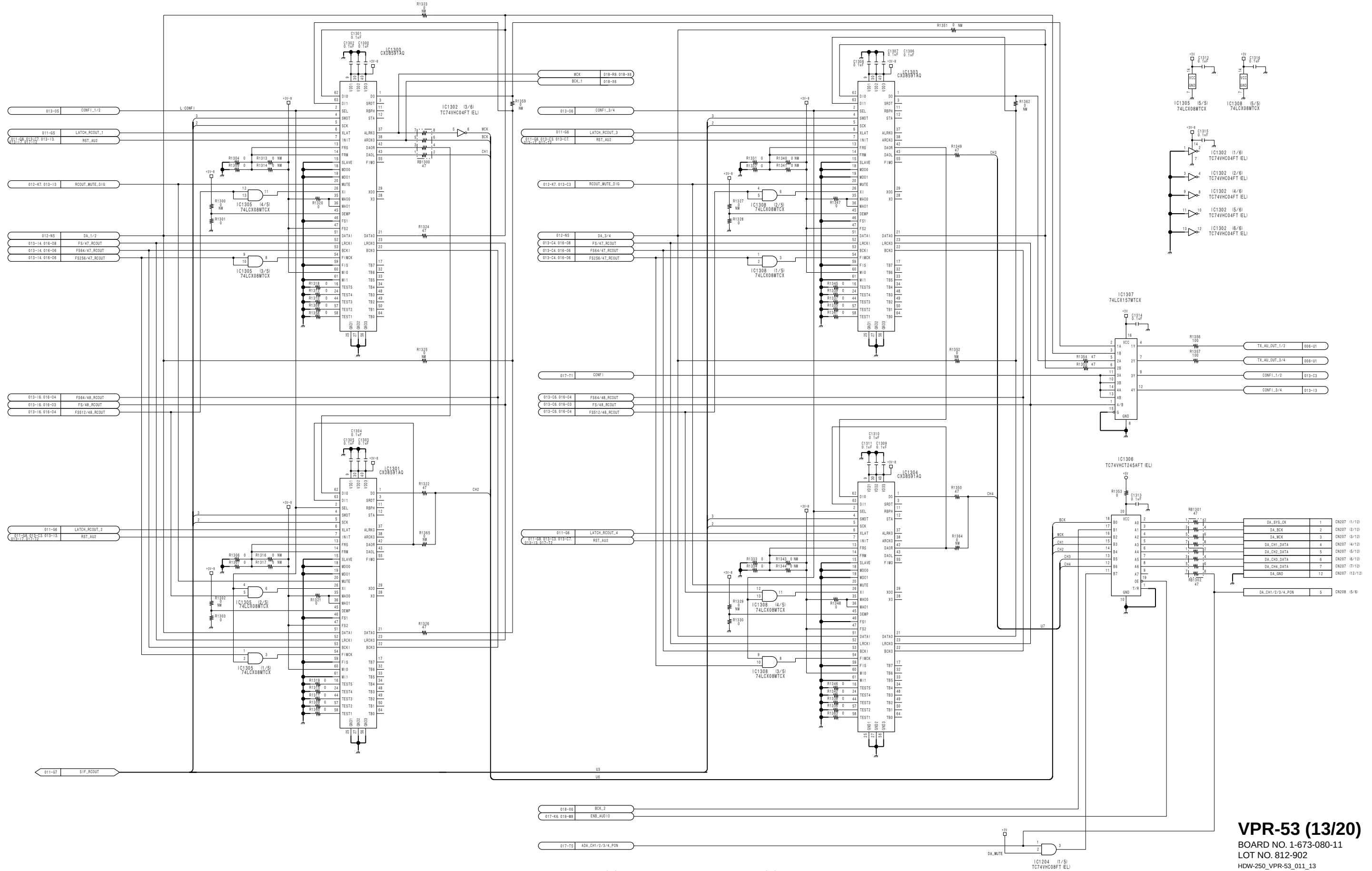
5-21 (a)

5-21 (a)

VPR-53 (12/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_12

VPR-53 (13/20) VPR-53 (13/20)

HDW-250 (J) : S/N 30001 through 30050



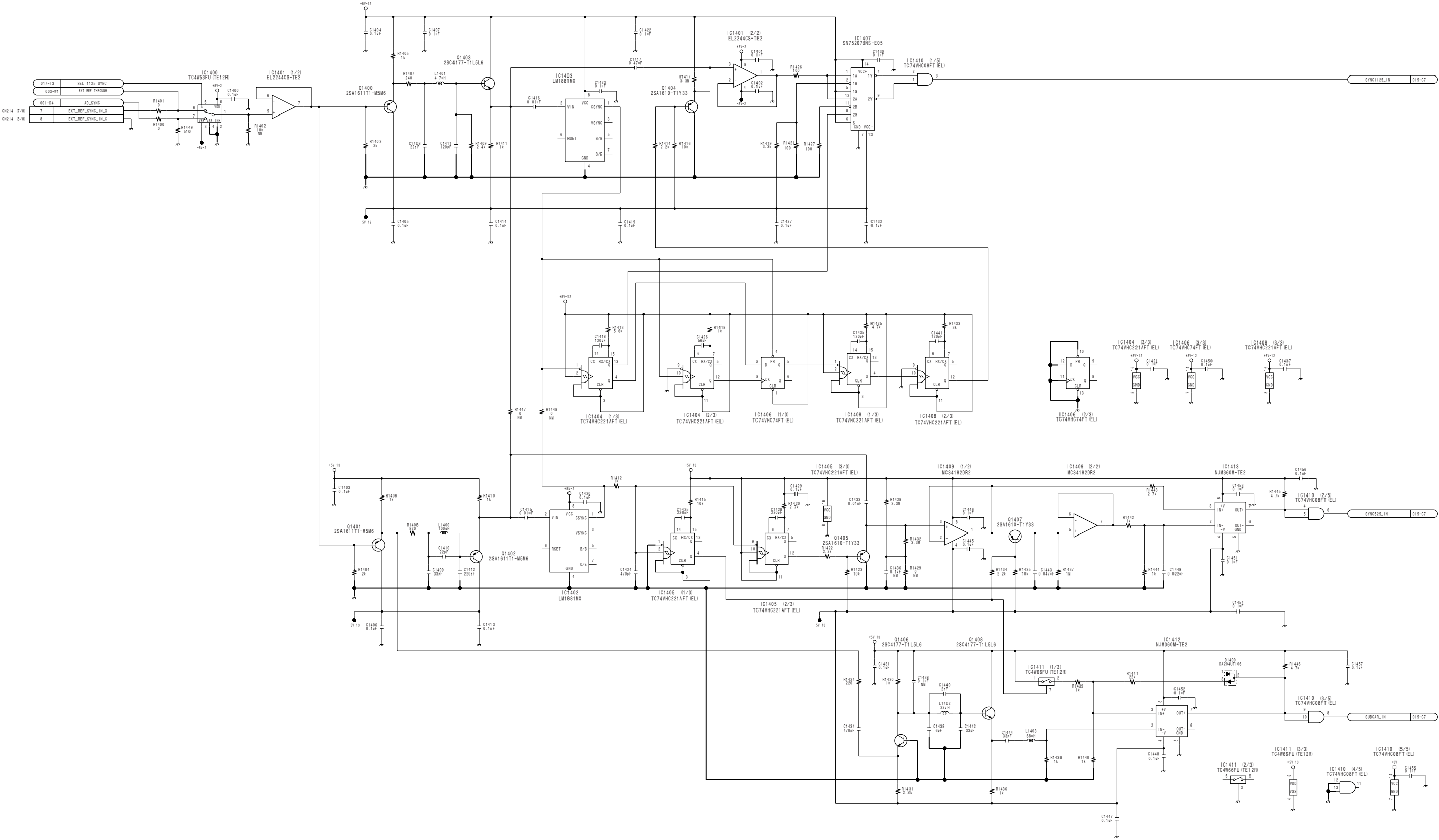
VPR-53 (13/20)

BOARD NO. 1-673-080-11
LOT NO. 812-902

HDW-250_VPR-53_011_13

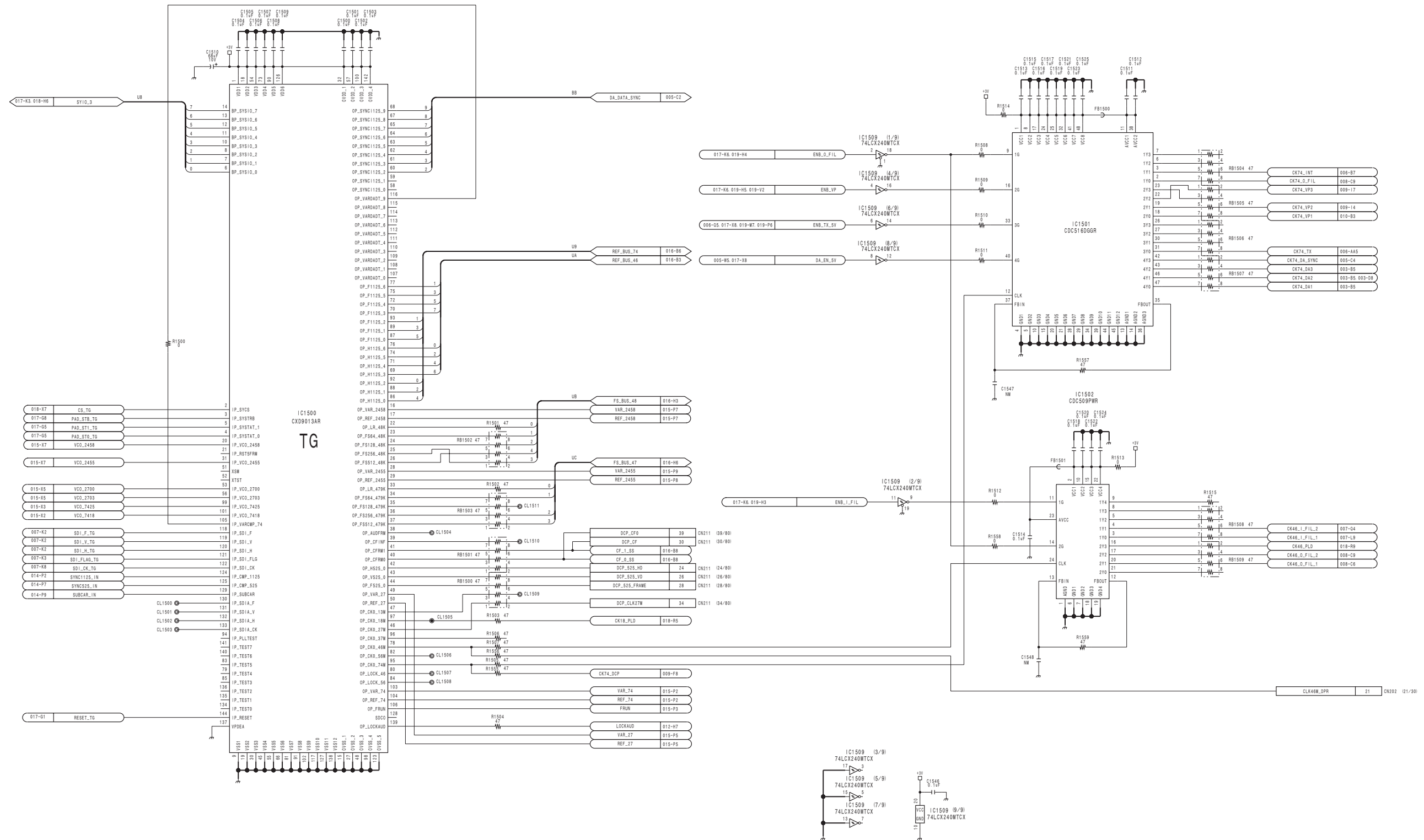
HDW-250

HDW-250 (J) : S/N 30001 through 30050

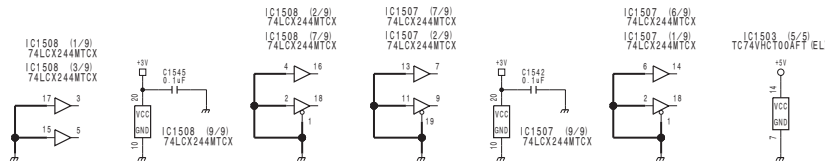
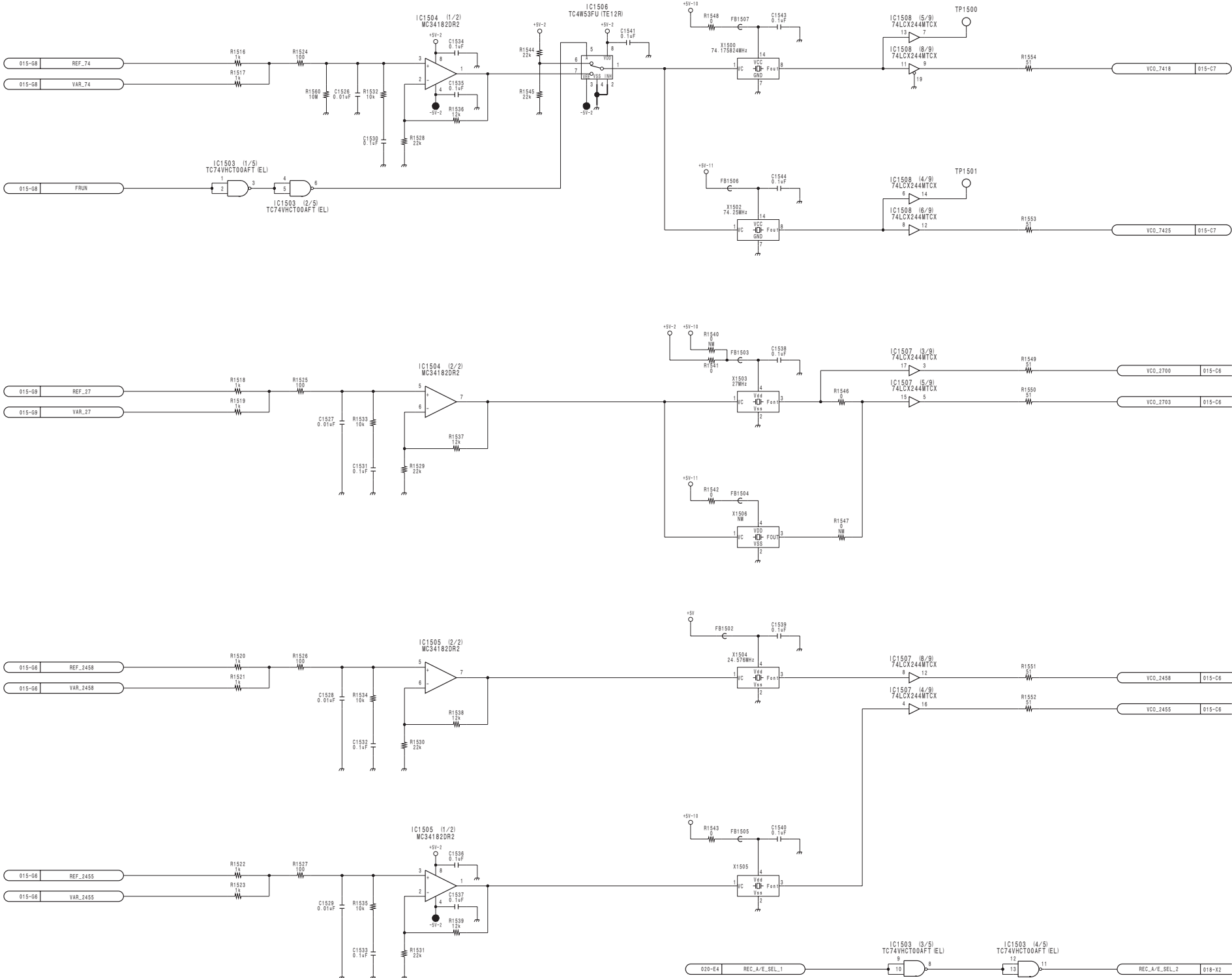


VPR-53 (14/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_14

5



5-24 (a)

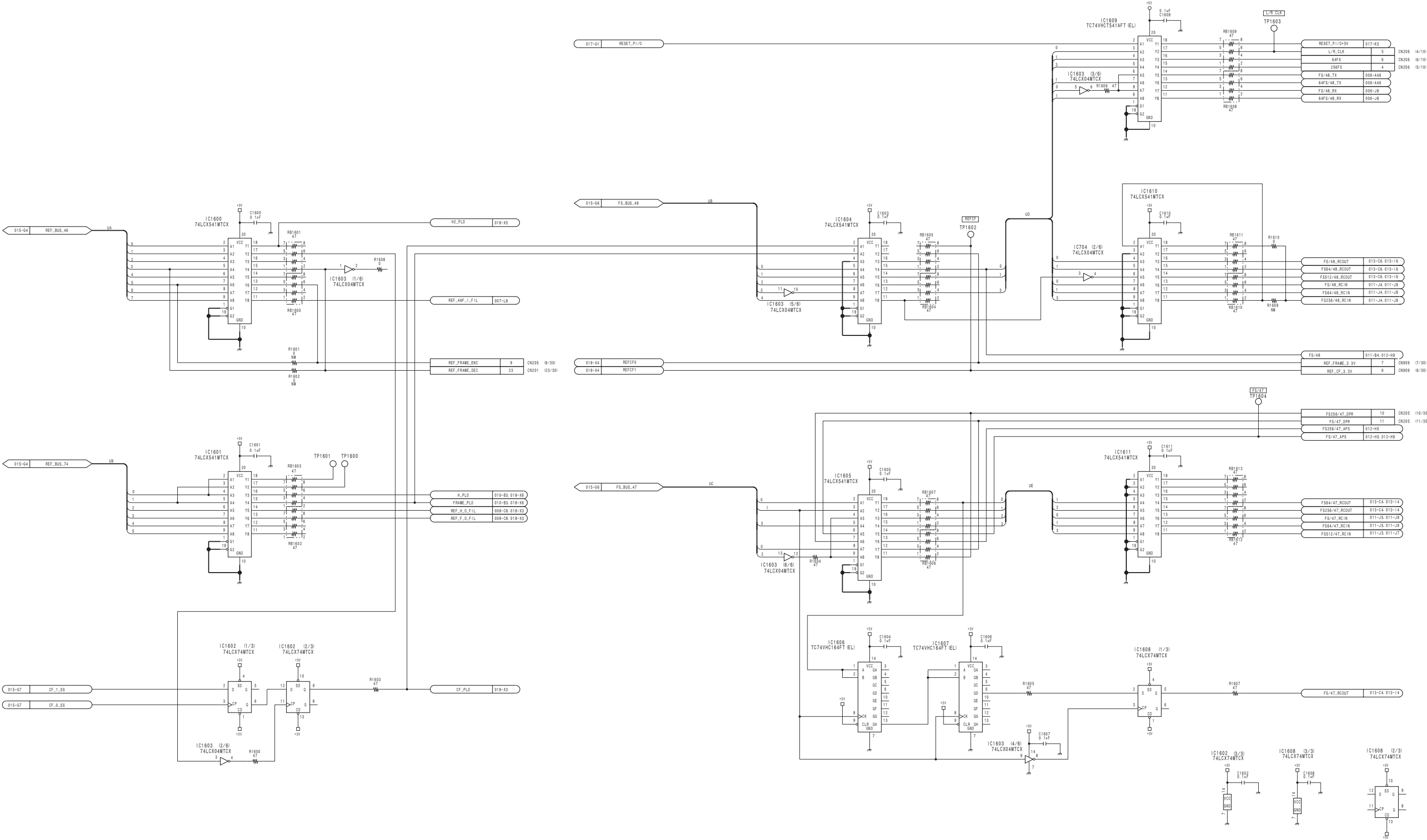


VPR-53 (15/20)

BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_15

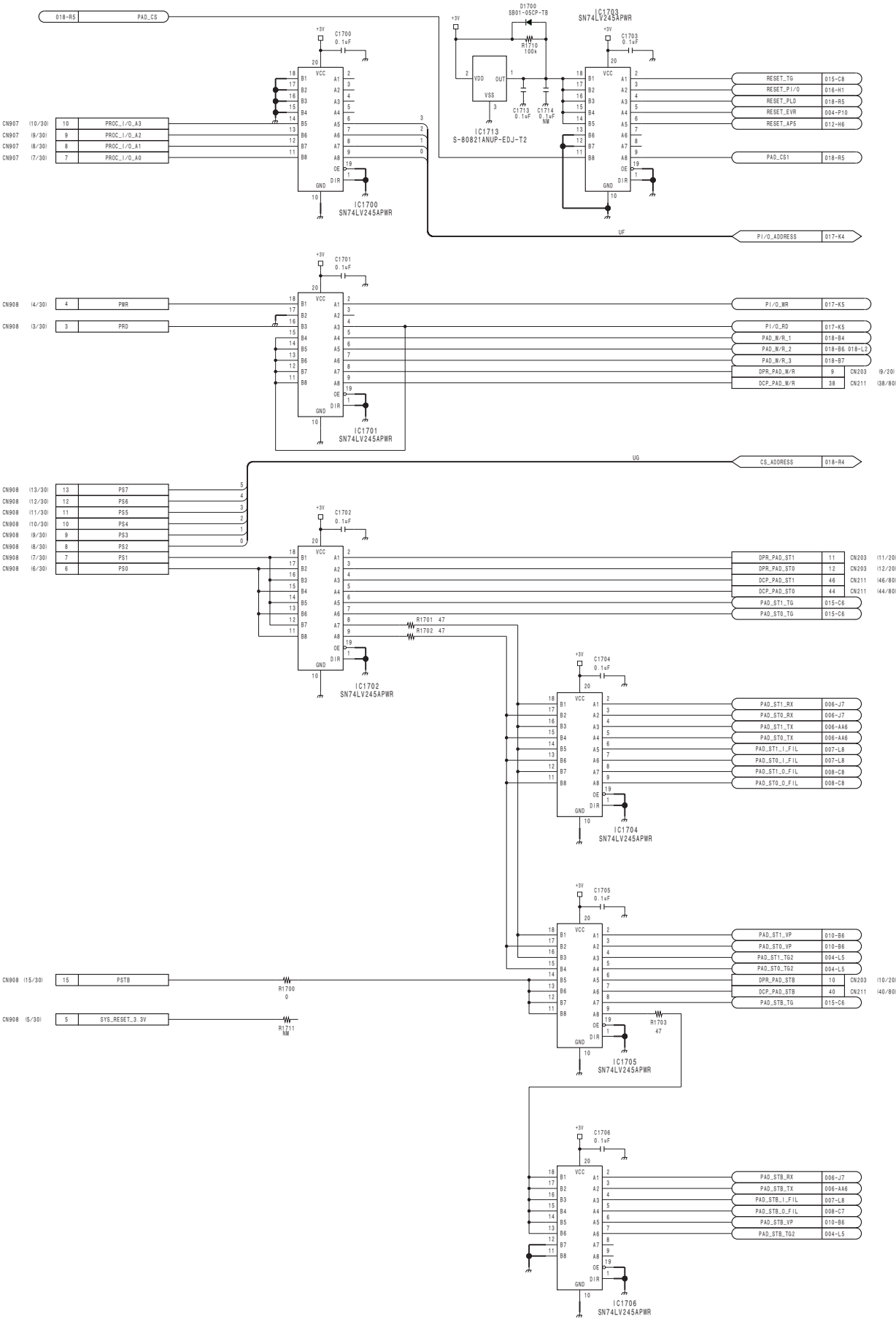


HDW-250 (J) : S/N 30001 through 30050



VPR-53 (16/20)
BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_16

HDW-250 (J) : S/N 30001 through 30050



5-28 (a)

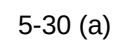
5-28 (a)

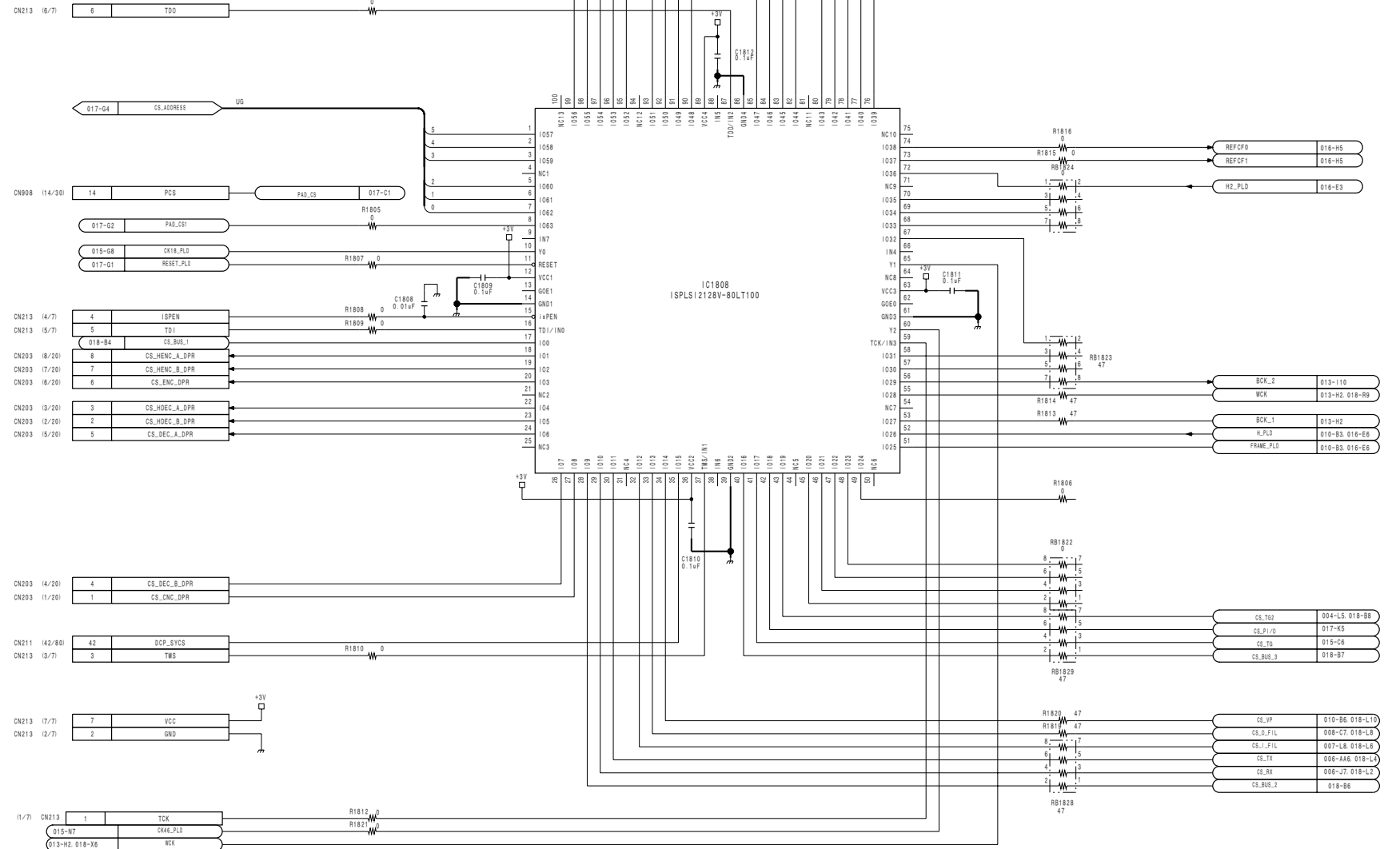
VPR-53 (17/20)



HDW-250_VPR-53_011_17

5



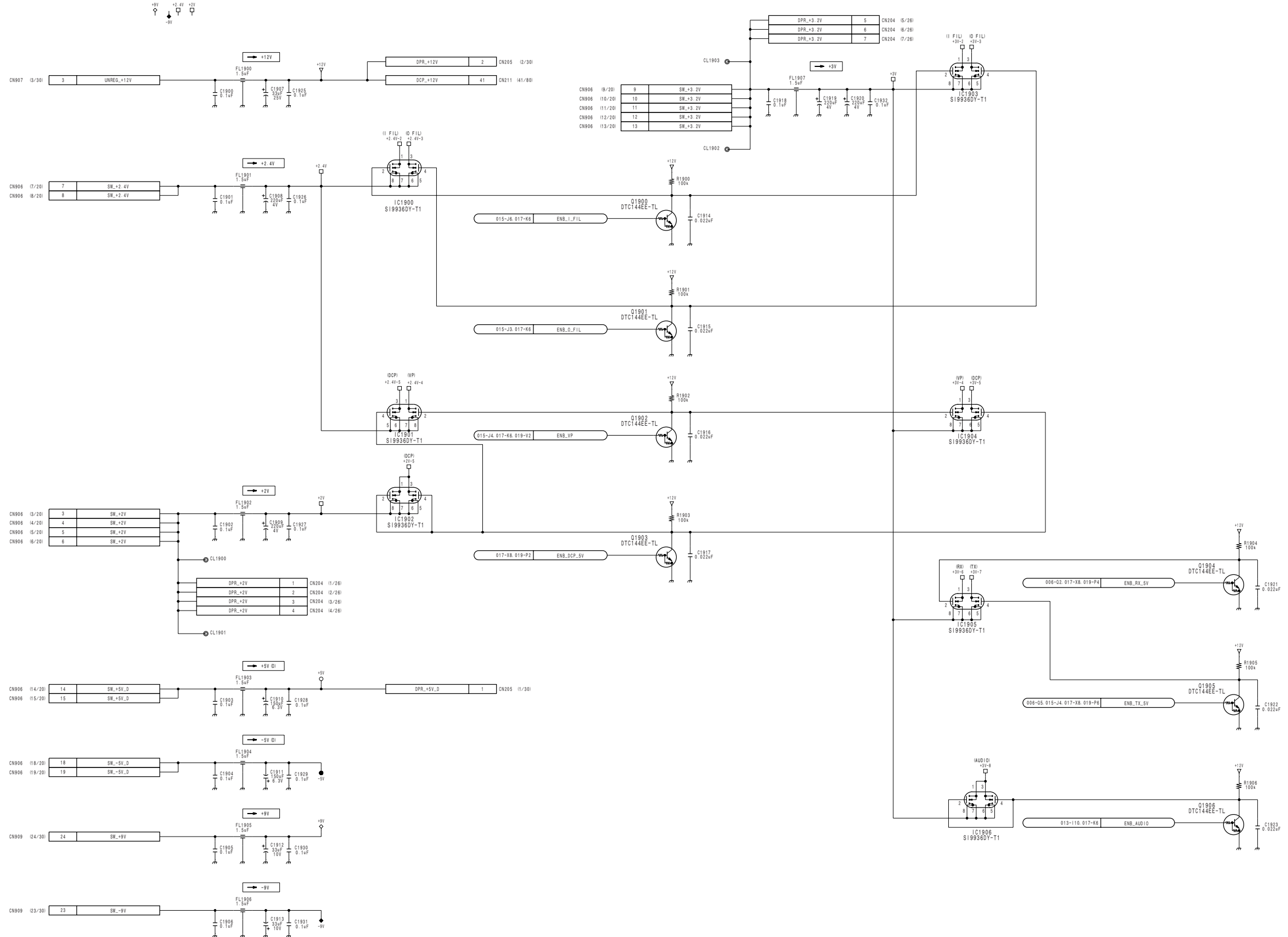


VPR-53 (18/20)

BOARD NO. 1-673-080-11
LOT NO. 812-902
HDW-250_VPR-53_011_18

VPR-53 (19/20) VPR-53 (19/20)

HDW-250 (J) : S/N 30001 through 30050



5-32 (a)

5-32 (a)

HDW-250

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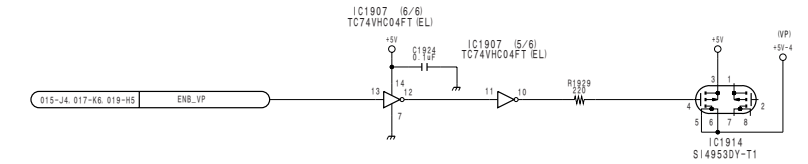
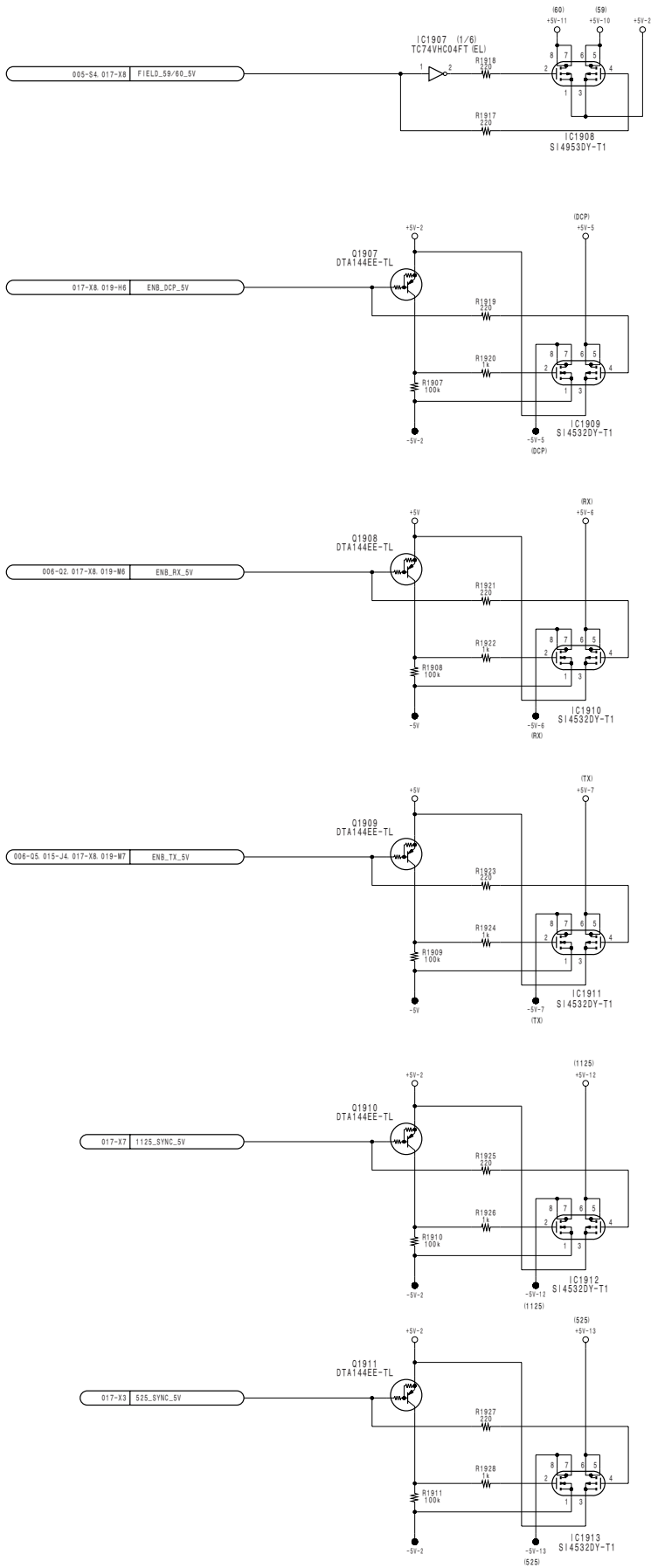
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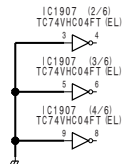


CN906 (1/20)	1	GND
CN906 (2/20)	2	GND
CN906 (16/20)	16	GND
CN906 (17/20)	17	GND
CN906 (20/20)	20	GND
CN907 (1/30)	1	GND
CN907 (2/30)	2	GND
CN907 (14/30)	14	GND
CN907 (15/30)	15	GND
CN907 (16/30)	16	GND
CN908 (24/30)	24	GND
CN910 (17/18)	17	GND
CN910 (18/18)	18	GND

DPR_GND	17	CN201 (17/30)
DPR_GND	18	CN201 (18/30)
DPR_GND	20	CN202 (20/30)
DPR_GND	22	CN202 (22/30)
DPR_GND	8	CN204 (8/26)
DPR_GND	9	CN204 (9/26)
DPR_GND	3	CN205 (3/30)
DPR_GND	15	CN205 (15/30)
DPR_GND	16	CN205 (16/30)

CN211 (80/80)	80	DCP_+2V
CN211 (79/80)	79	DCP_+2V
CN211 (78/80)	78	DCP_+2V
CN211 (77/80)	77	DCP_+2V
CN211 (76/80)	76	DCP_+2.4V
CN211 (75/80)	75	DCP_+2.4V
CN211 (74/80)	74	DCP_+3.2V
CN211 (73/80)	73	DCP_+3.2V
CN211 (72/80)	72	DCP_+3.2V
CN211 (71/80)	71	DCP_+3.2V
CN211 (70/80)	70	DCP_+5V_A
CN211 (69/80)	69	DCP_+5V_A
CN211 (68/80)	68	DCP_+5V_A
CN211 (67/80)	67	DCP_+5V_A

CN211 (11/80)	11	DCP_GND
CN211 (12/80)	12	DCP_GND
CN211 (29/80)	29	DCP_GND
CN211 (32/80)	32	DCP_GND
CN211 (33/80)	33	DCP_GND
CN211 (36/80)	36	DCP_GND
CN211 (37/80)	37	DCP_GND
CN211 (43/80)	43	DCP_GND
CN211 (63/80)	63	DCP_GND
CN211 (64/80)	64	DCP_GND
CN211 (65/80)	65	DCP_GND
CN211 (66/80)	66	DCP_GND



VPR-53 (19/20)

BOARD NO. 1-673-080-11

LOT NO. 812-902

HDW-250_VPR-53_011_19

HDW-250 (J) : S/N 30001 through 30050

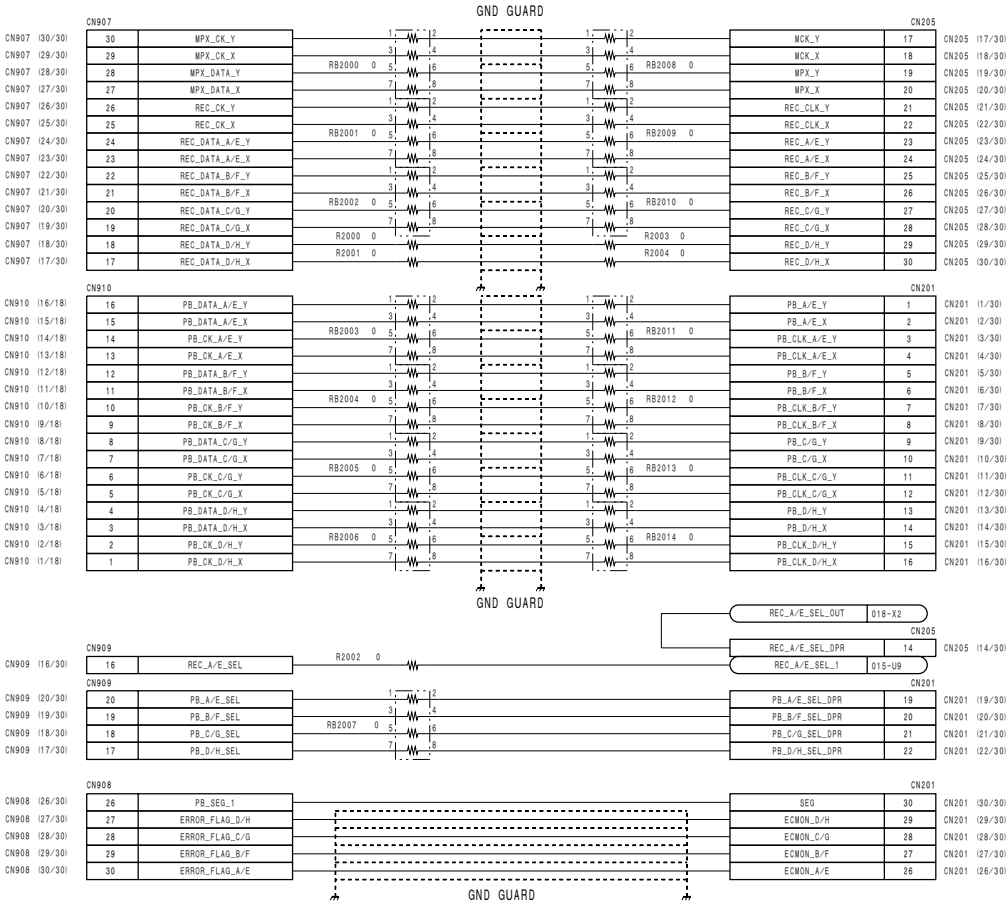
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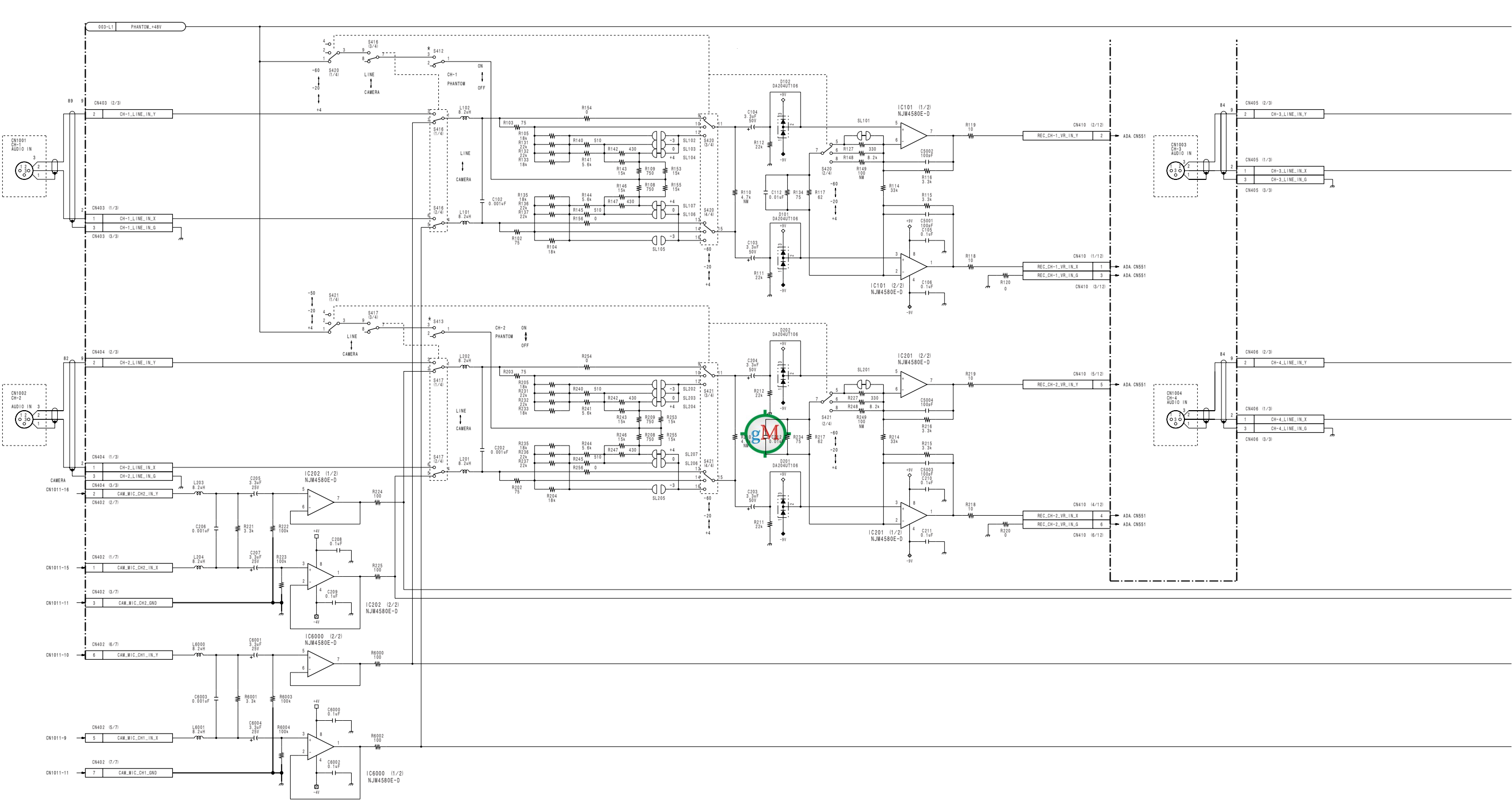
VPR-53 (20/20)

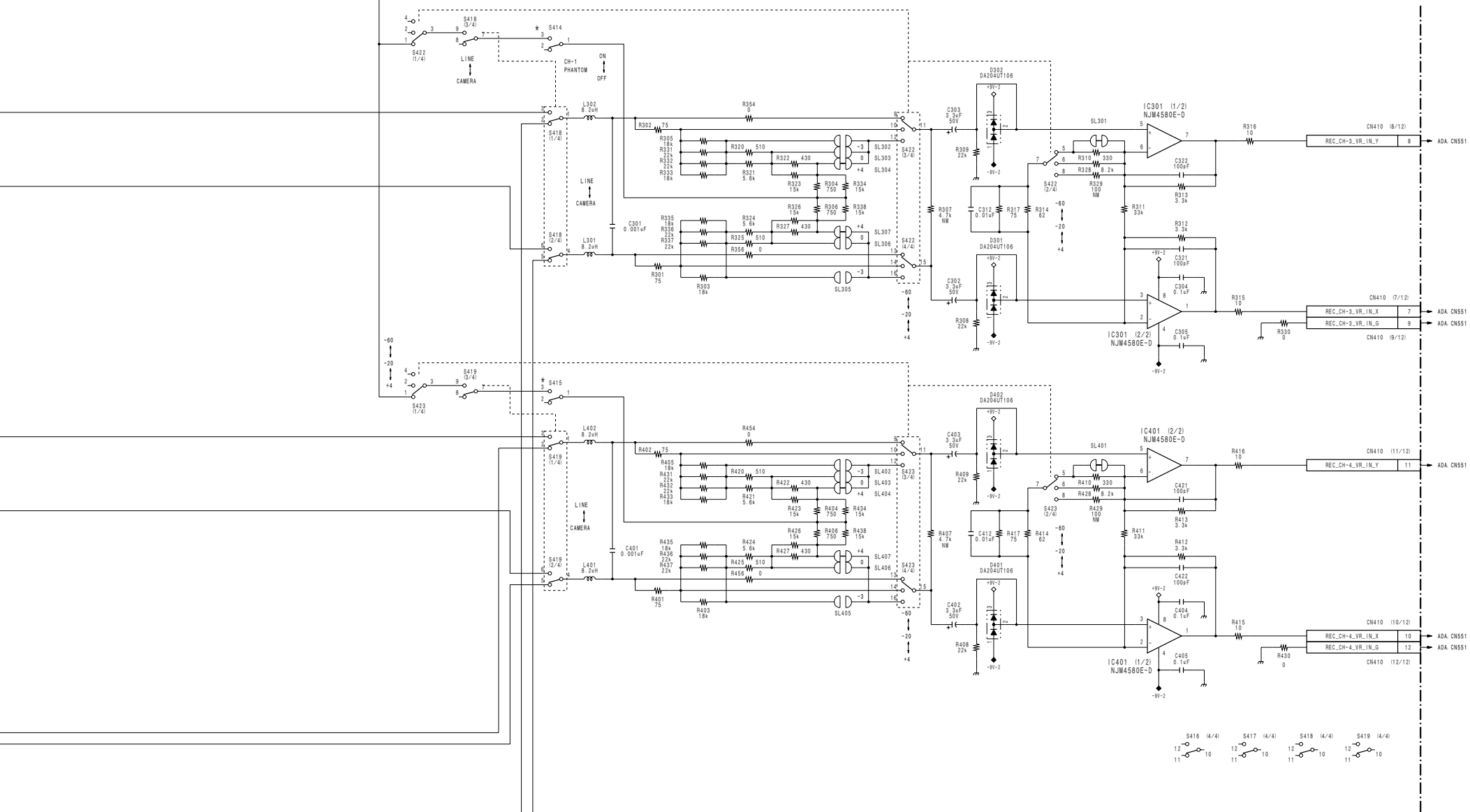
BOARD NO. 1-673-080-11

LOT NO. 812-902

HDW-250_VPR-53_011_20

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

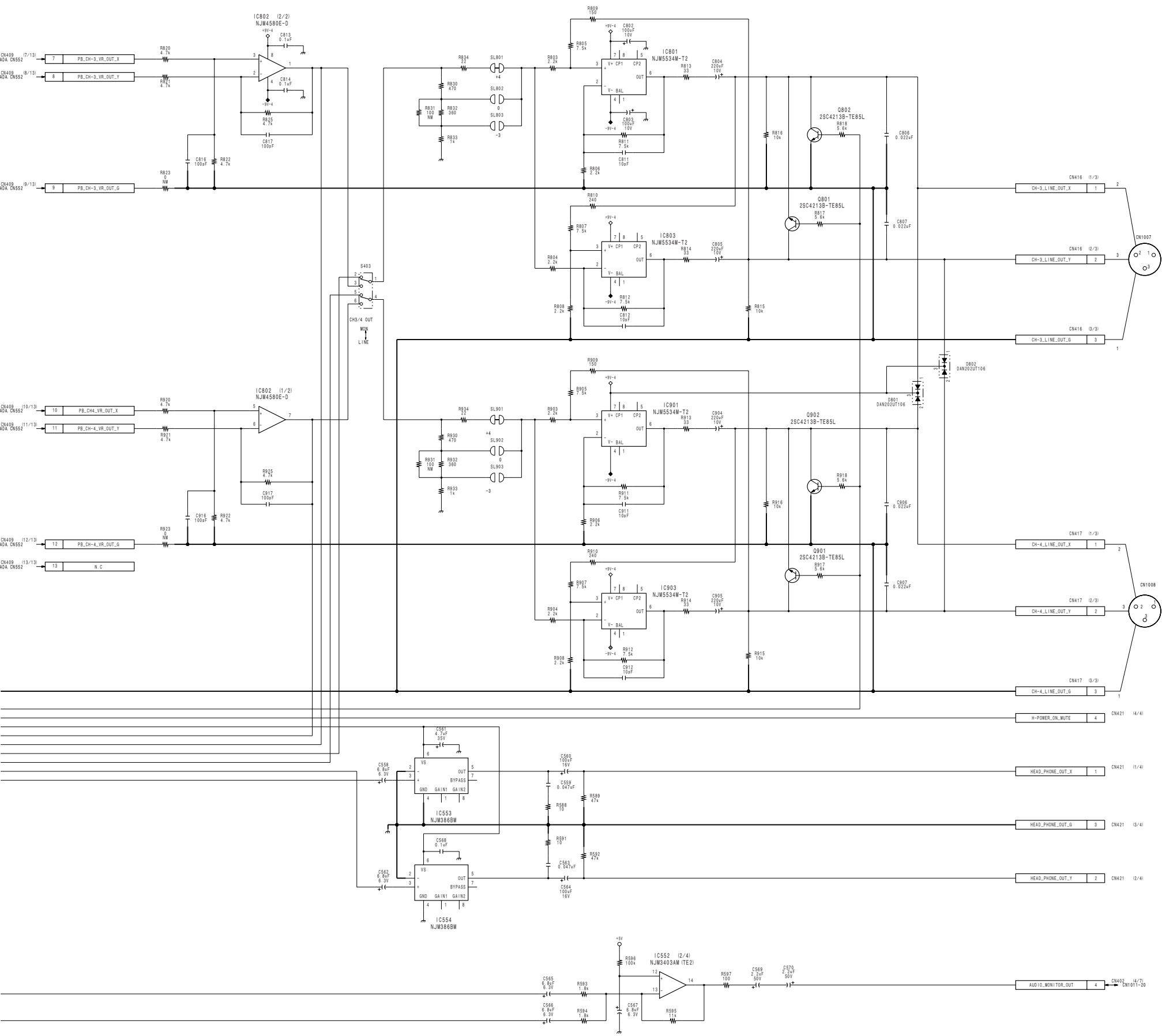




CP-337 (1/3)
BOARD NO. 1-673-085-11
LOT NO. 812-
HDW-250_CP-337_011_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

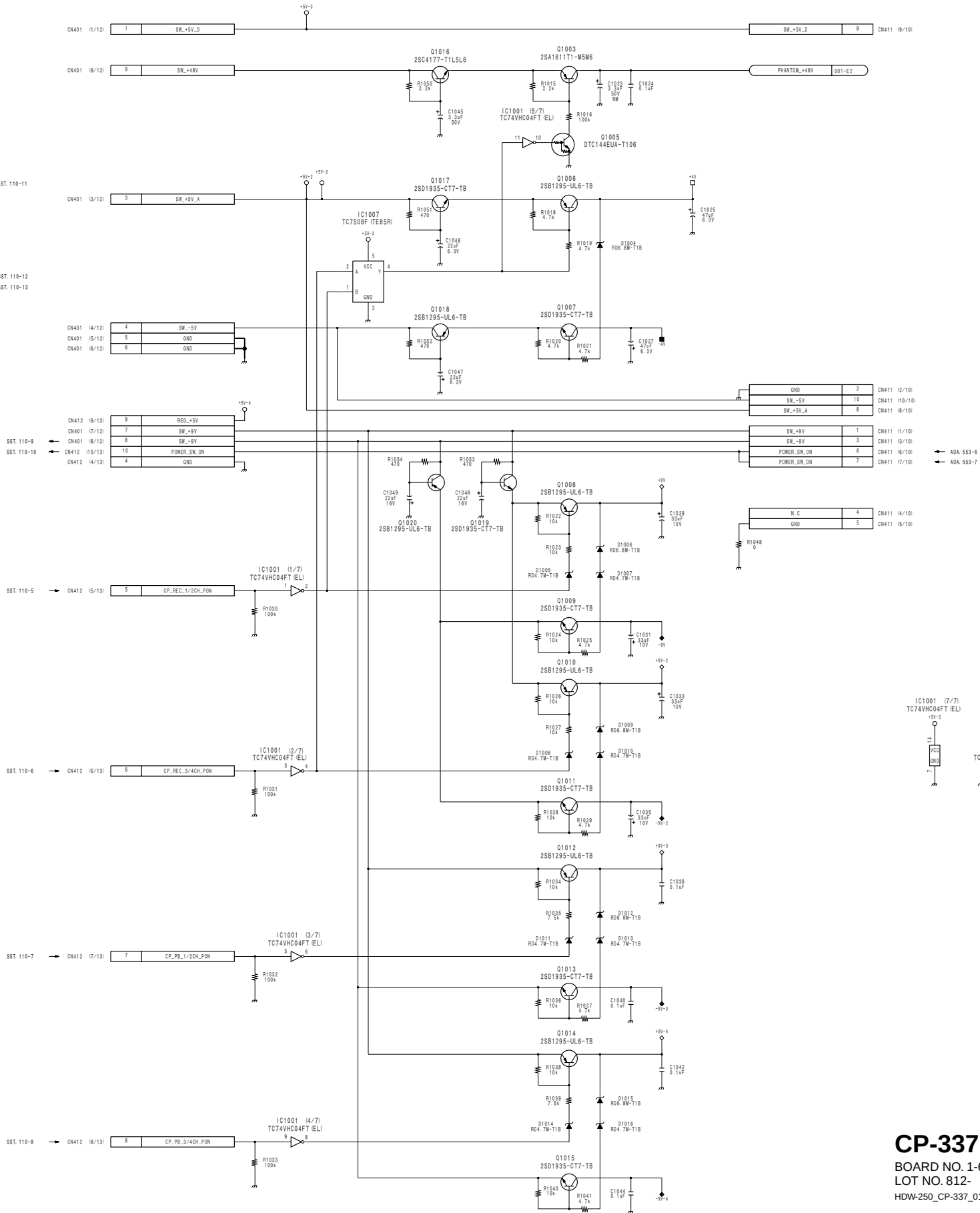
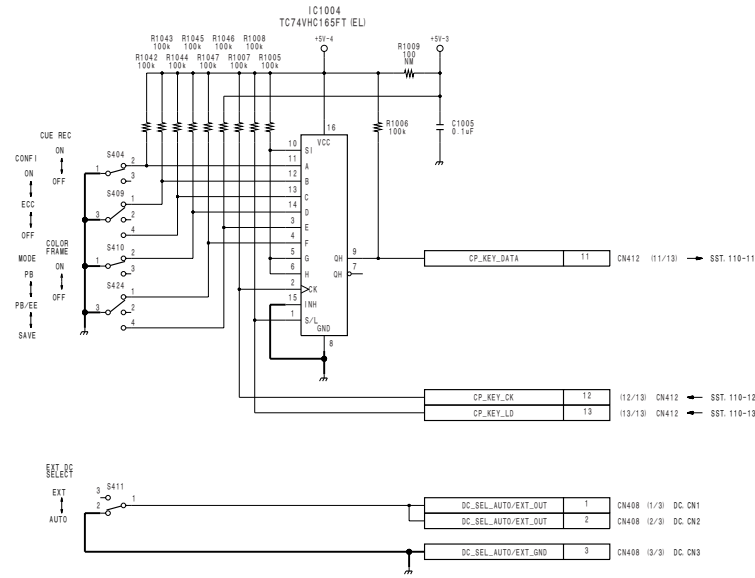
HDW-250



CP-337 (2/3)

BOARD NO. 1-673-085-11
LOT NO. 812-
HDW-250_CP-337_011_2

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



CP-337 (3/3)
BOARD NO. 1-673-085-11
LOT NO. 812-
HDW-250_CP-337_011_3

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

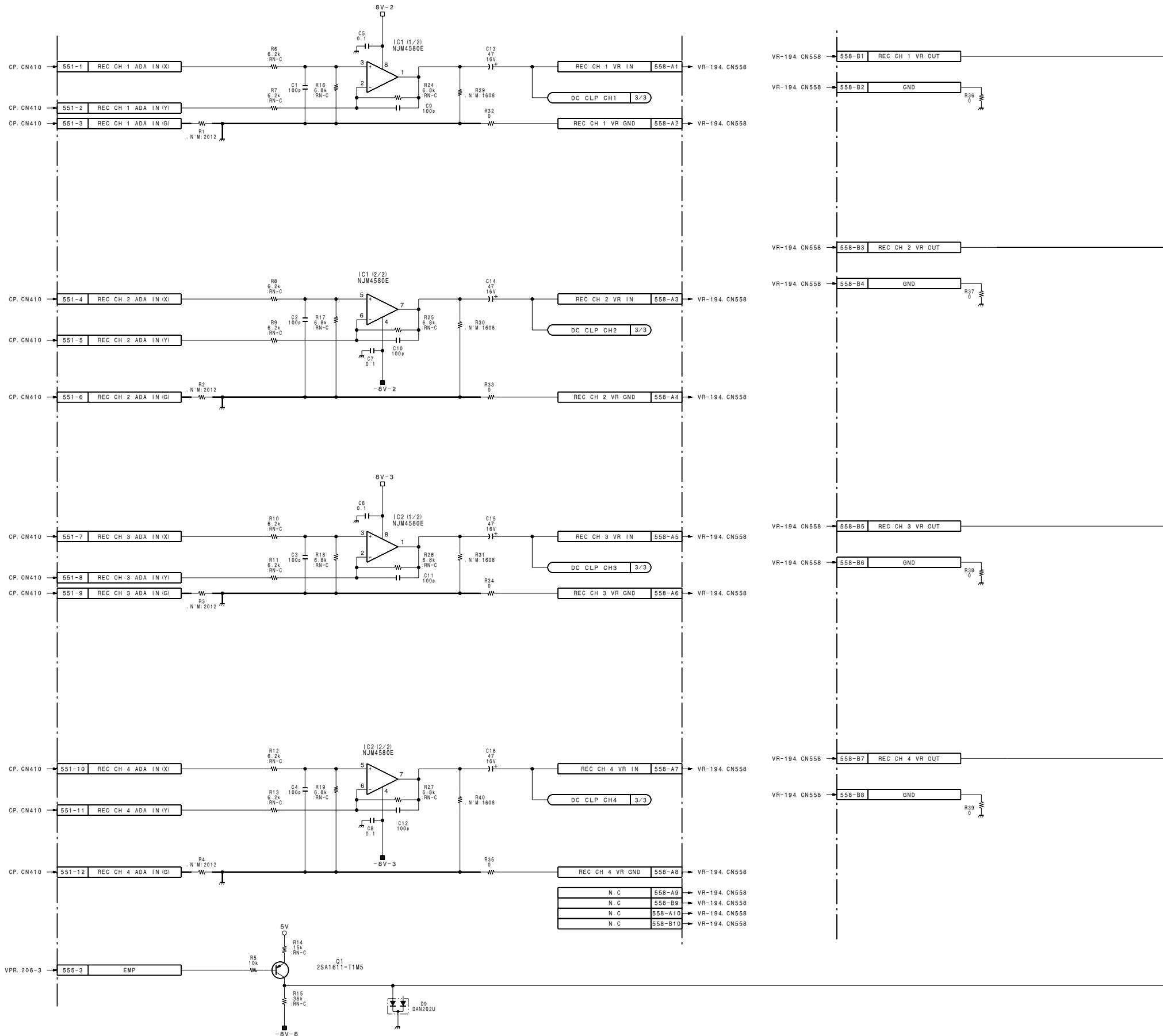
1

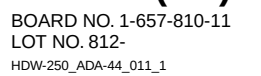
2

3

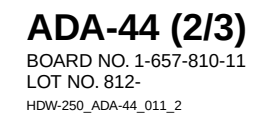
4

5

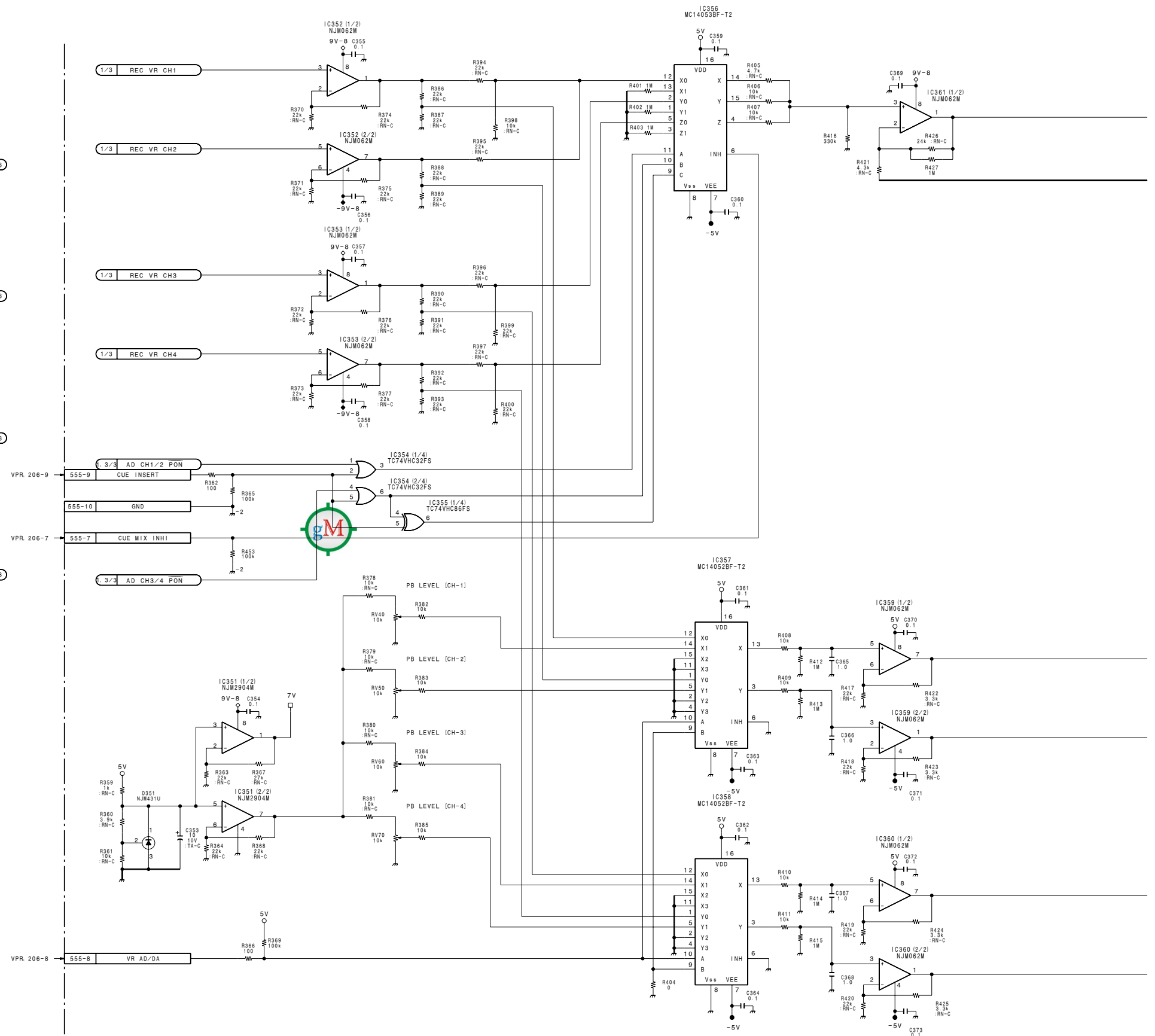


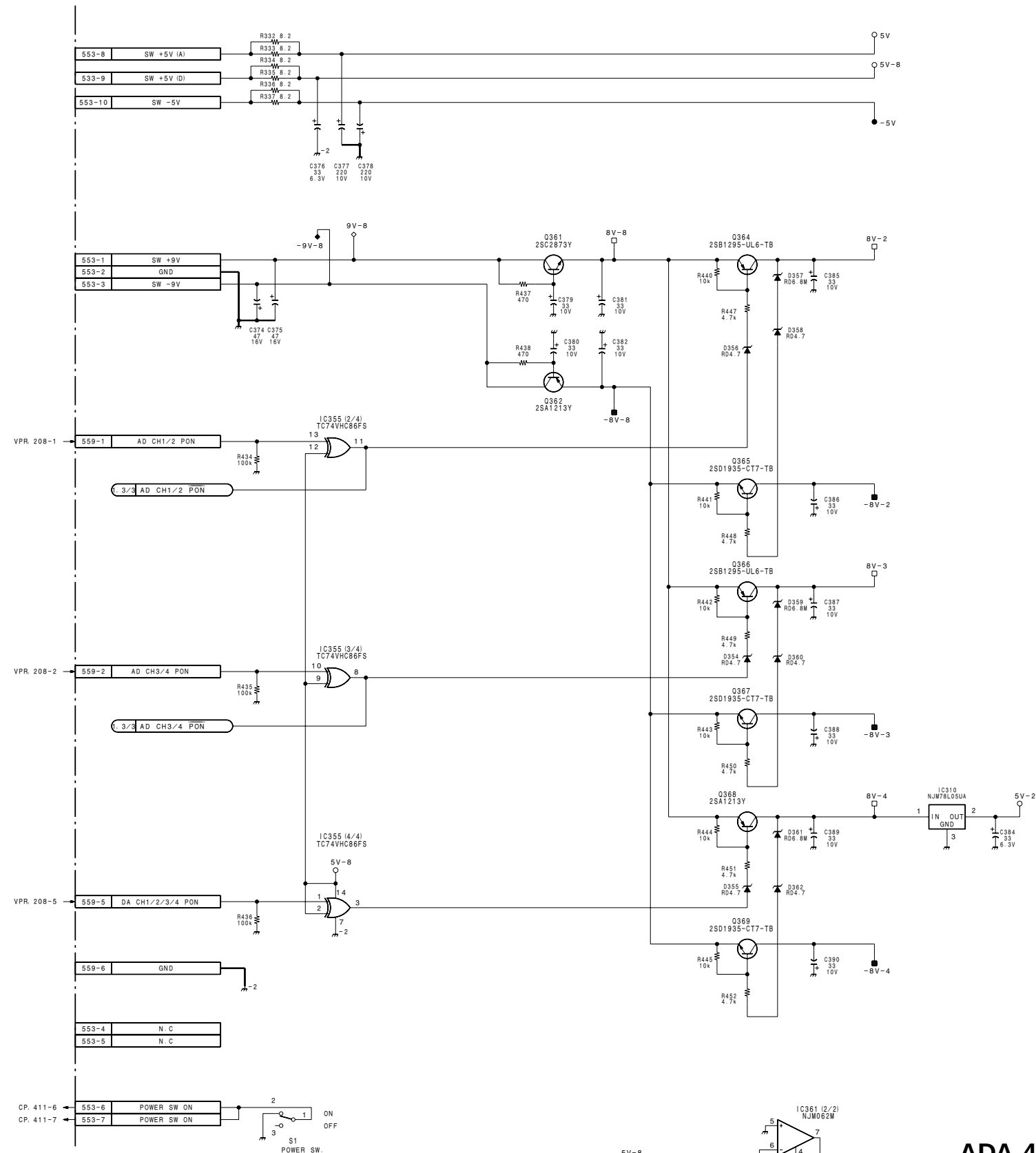
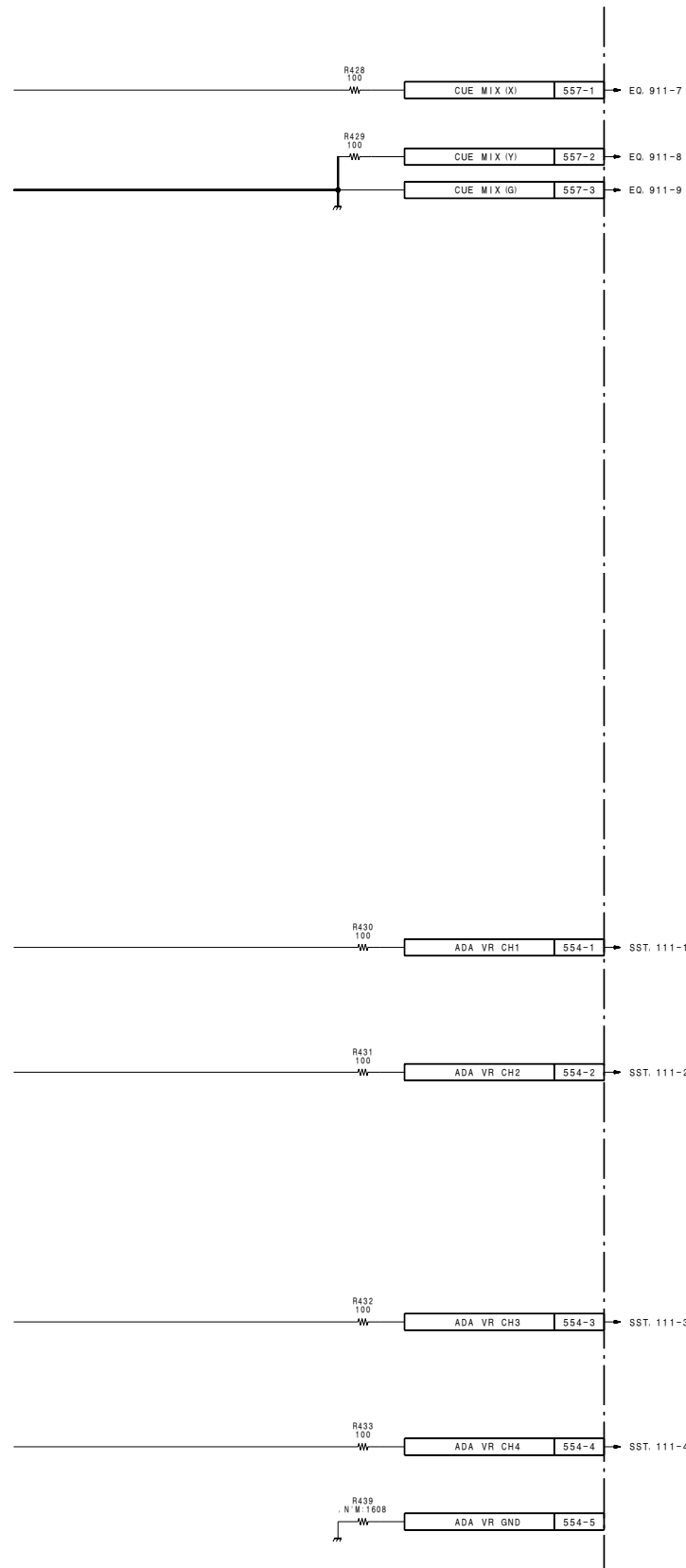


HDW-250

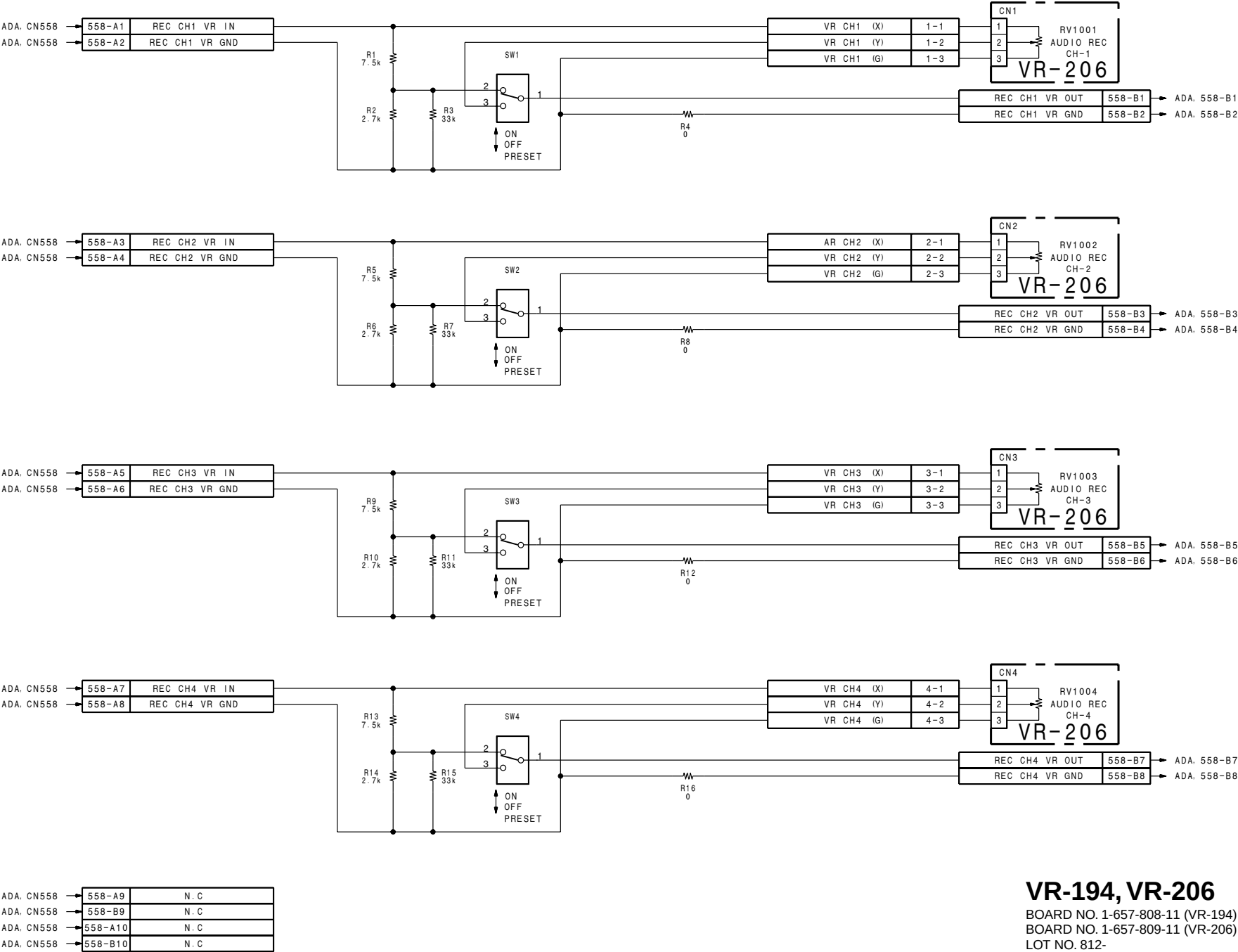


ADA-44 (3/3)

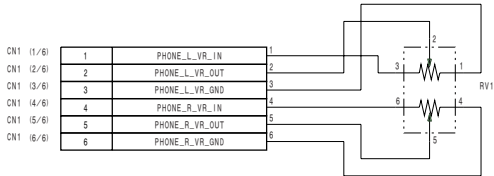




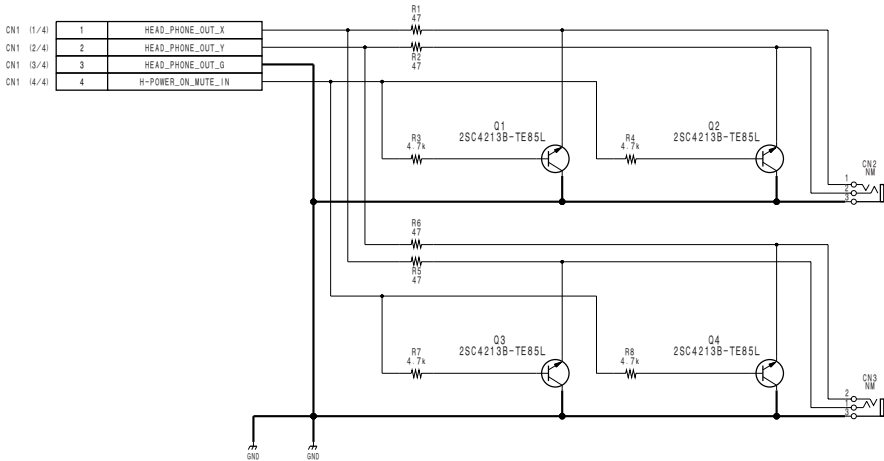
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



VR-254
BOARD NO. 1-673-089-11
LOT NO. 812-
HDW-250_VR-254_011_1

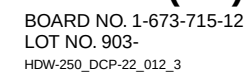


DUS-173
BOARD NO. 1-673-088-11
LOT NO. 812-
HDW-250_DUS-173_011_1



DCP-22 (3/7)

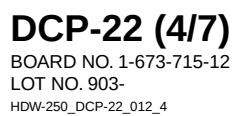
5



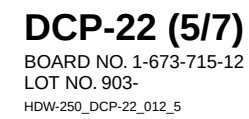
HDW-250

H

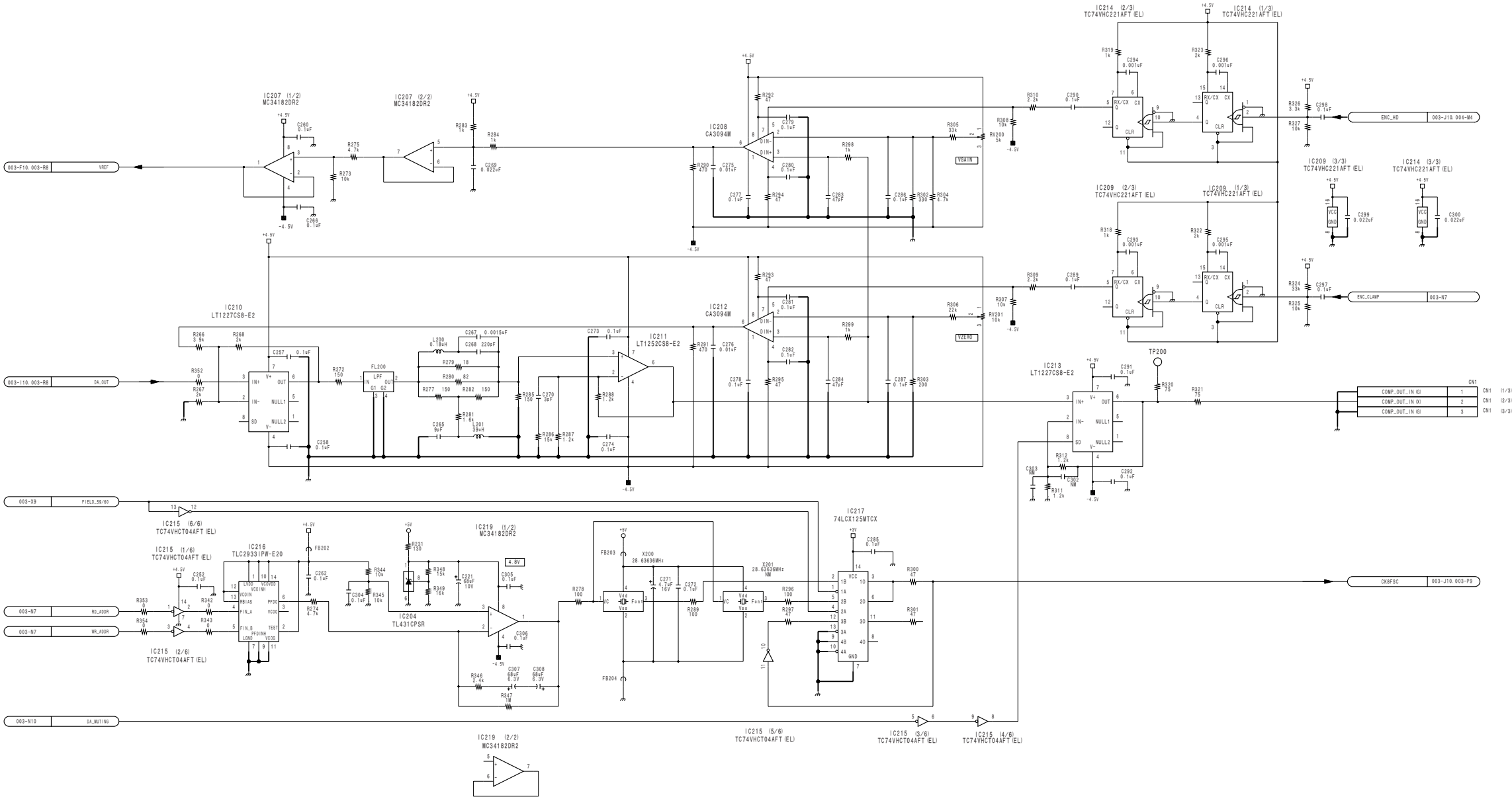
HDW-250



H

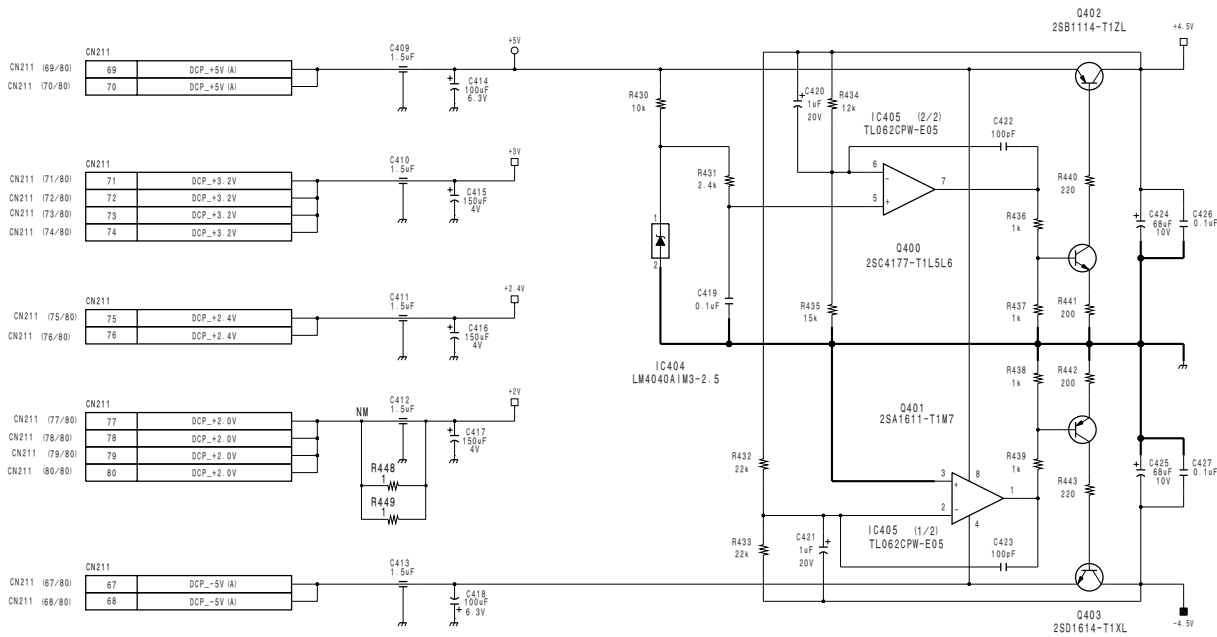


HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher



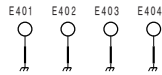
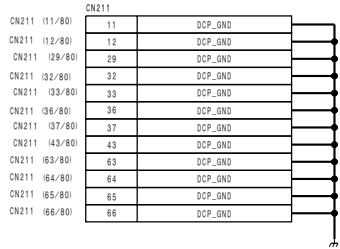
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30051 and Higher

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DCP-22 (7/7)
BOARD NO. 1-673-715-12
LOT NO. 903-
HDW-250_DCP-22_012_7



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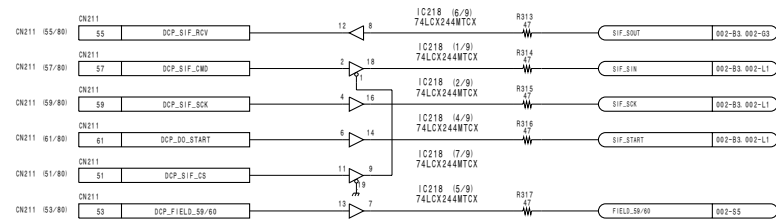
HDW-250



48	NC1	NC74	276
49	NC2	NC75	277
50	NC3	NC76	278
101	NC4	NC77	279
102	NC5	NC78	280
103	NC6	NC79	282
104	NC7	NC80	283
105	NC8	NC81	285
106	NC9	NC82	288
107	NC10	NC83	289
108	NC11	NC84	290
109	NC12	NC85	293
116	NC14	NC86	294
117	NC15	NC87	295
118	NC16	NC88	296
120	NC17	NC89	297
121	NC18	NC90	298
122	NC19	NC91	299
123	NC20	NC92	300
125	NC21	NC93	301
141	NC22	NC94	304
145	NC24	NC95	305
146	NC25	NC96	306
163	NC26	NC97	307
183	NC27	NC98	310
185	NC28	NC99	311
186	NC29	NC100	312
187	NC30	NC101	313
188	NC31	NC102	314
189	NC32	NC103	315
190	NC33	NC104	316
191	NC34	NC105	317
192	NC35	NC106	318
193	NC36	NC107	320
194	NC37	NC108	321
195	NC38	NC109	322
196	NC39	NC110	323
197	NC40	NC111	324
205	NC41	NC112	325
207	NC42	NC113	326
208	NC43	NC114	327
209	NC44	NC115	328
210	NC45	NC116	329
211	NC46	NC117	330
212	NC47	NC118	331
213	NC48	NC119	333
214	NC49	NC120	334
234	NC51	NC121	335
235	NC52	NC122	336
236	NC53	NC123	337
237	NC54	NC124	338
239	NC55	NC125	339
242	NC56	NC126	342
243	NC57	NC127	343
244	NC58	NC128	345
246	NC59	NC129	346
250	NC61	NC130	347
258	NC62	NC131	348
259	NC63	NC132	349
261	NC64	NC133	350
267	NC65	NC134	351
268	NC66	NC135	352
269	NC67	NC136	355
270	NC68	NC137	362
271	NC69	NC138	368
272	NC70	NC139	385
273	NC71	NC140	389
274	NC72	NC141	396
275	NC73	NC142	406
		NC143	413
		NC144	419

HDW-250_DCP-22_011_2

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HDW-250_DCP-22_011_3

HDW-250 (J) : S/N 30001 through 30050

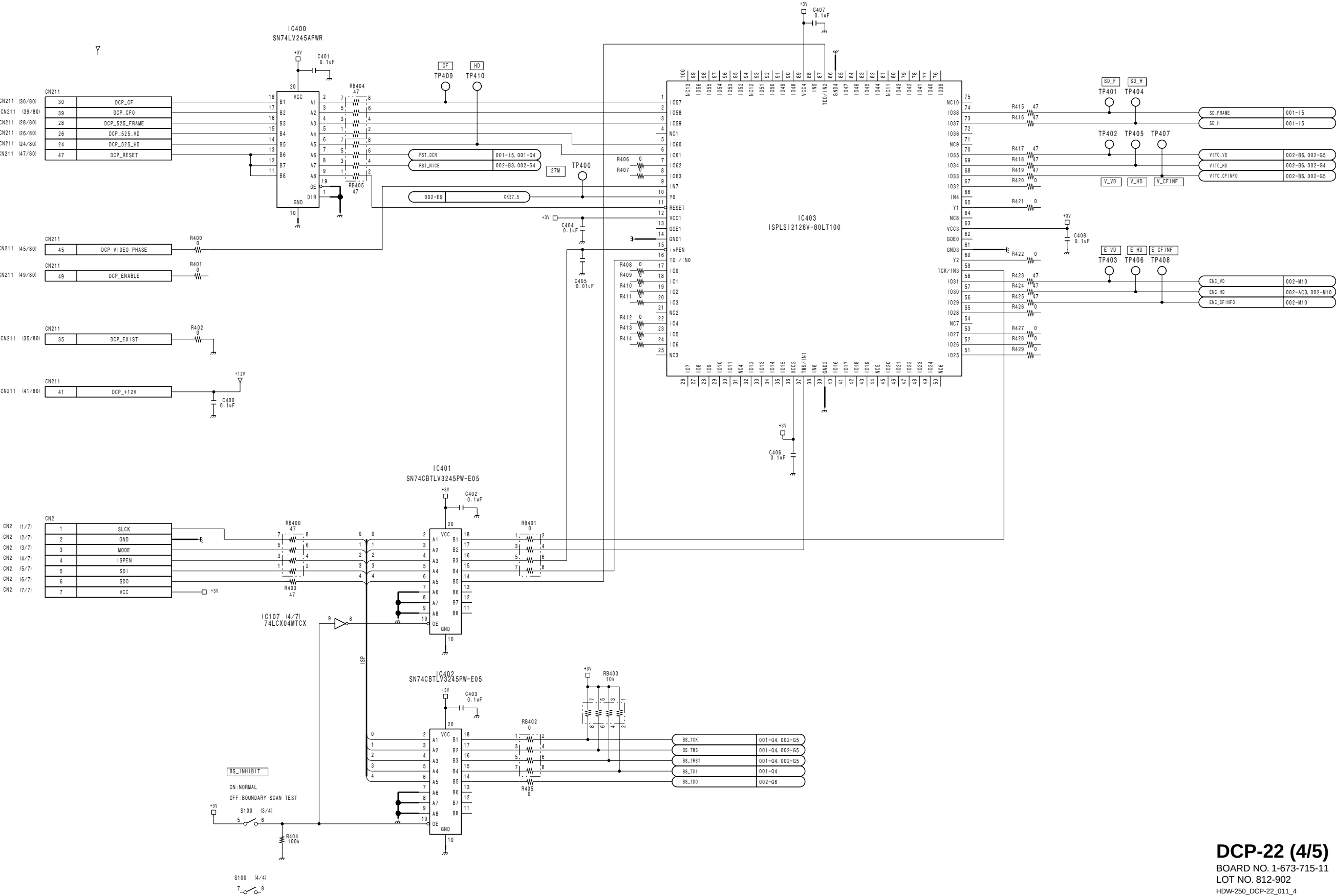
1

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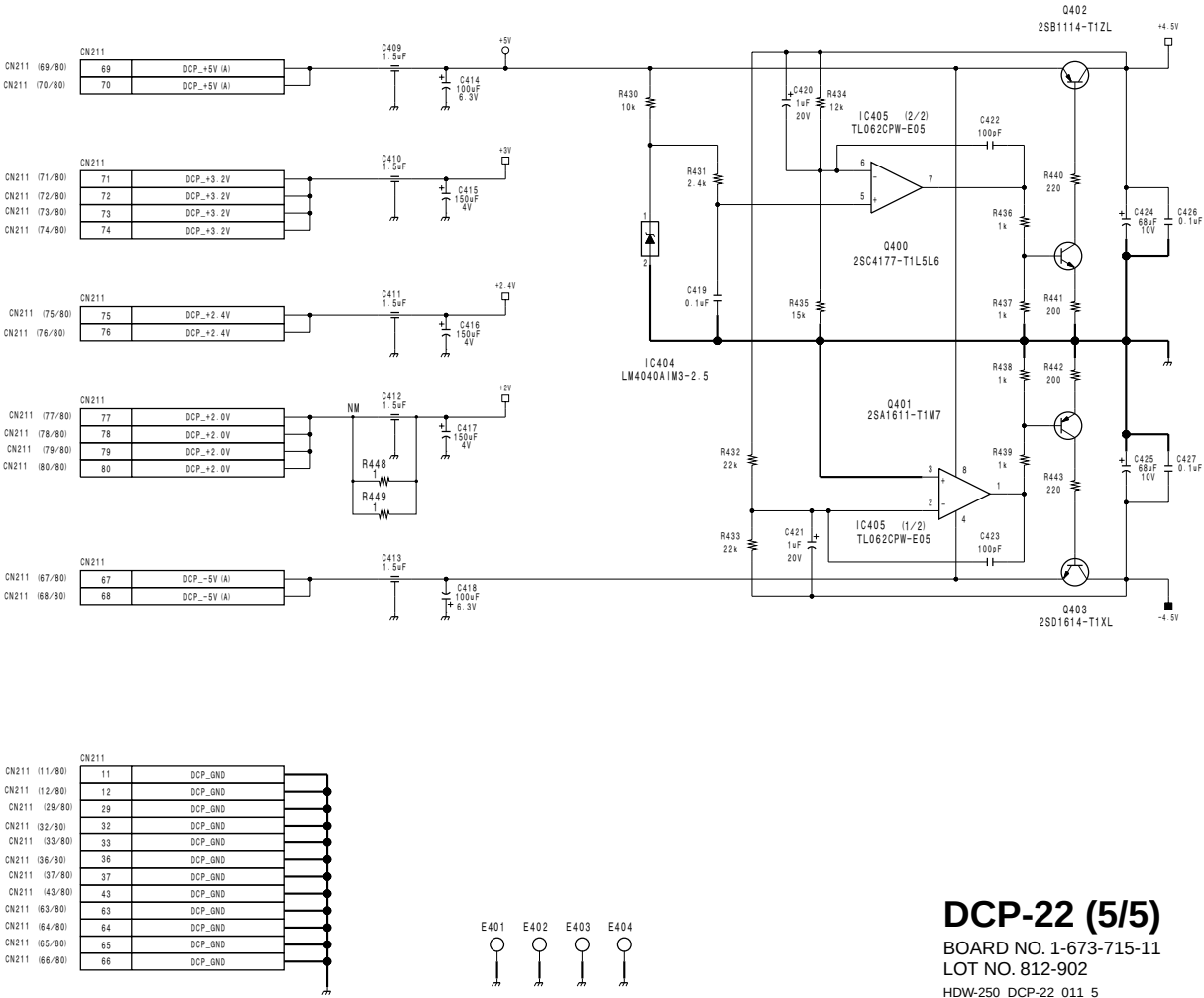
4

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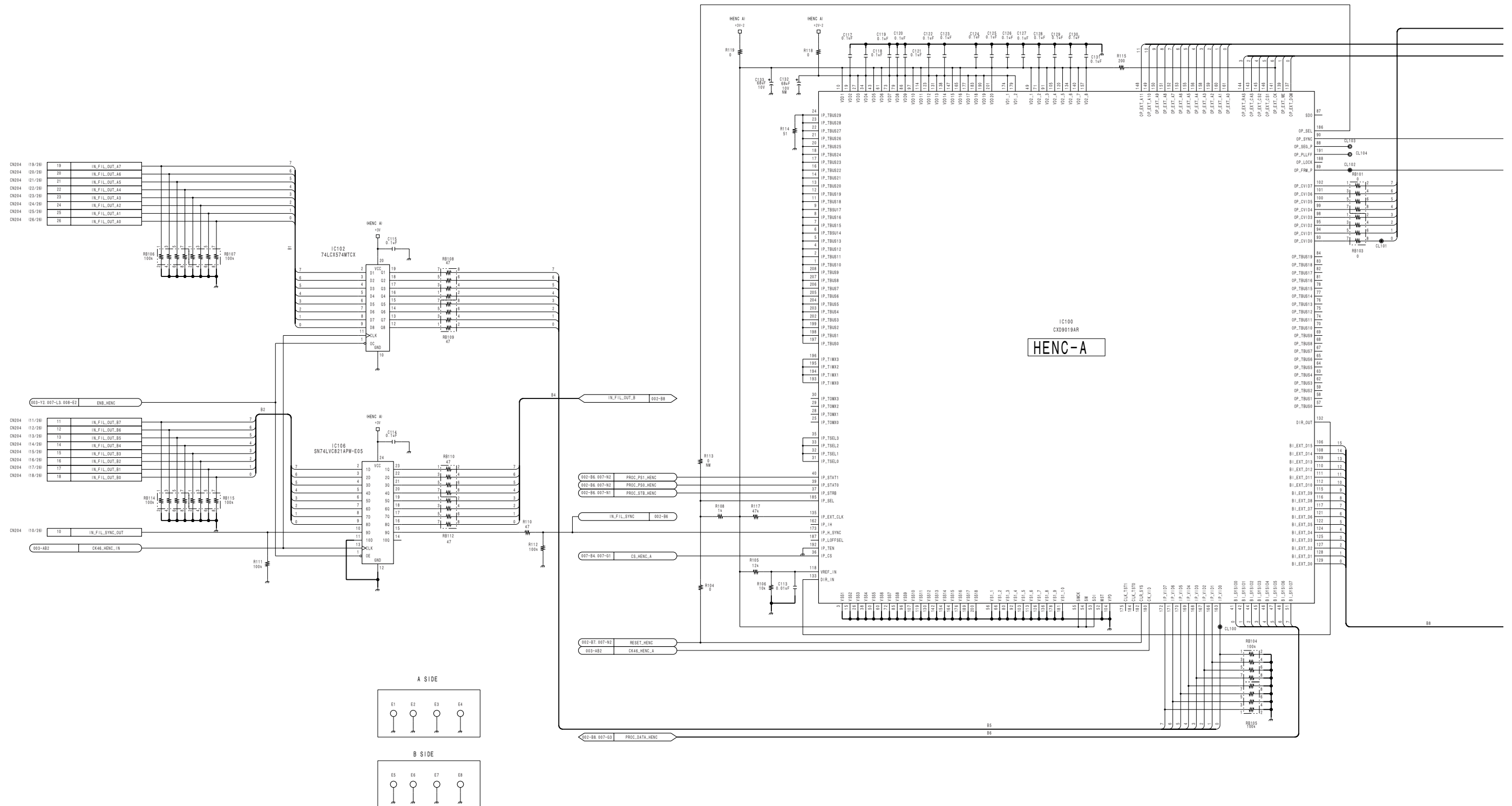


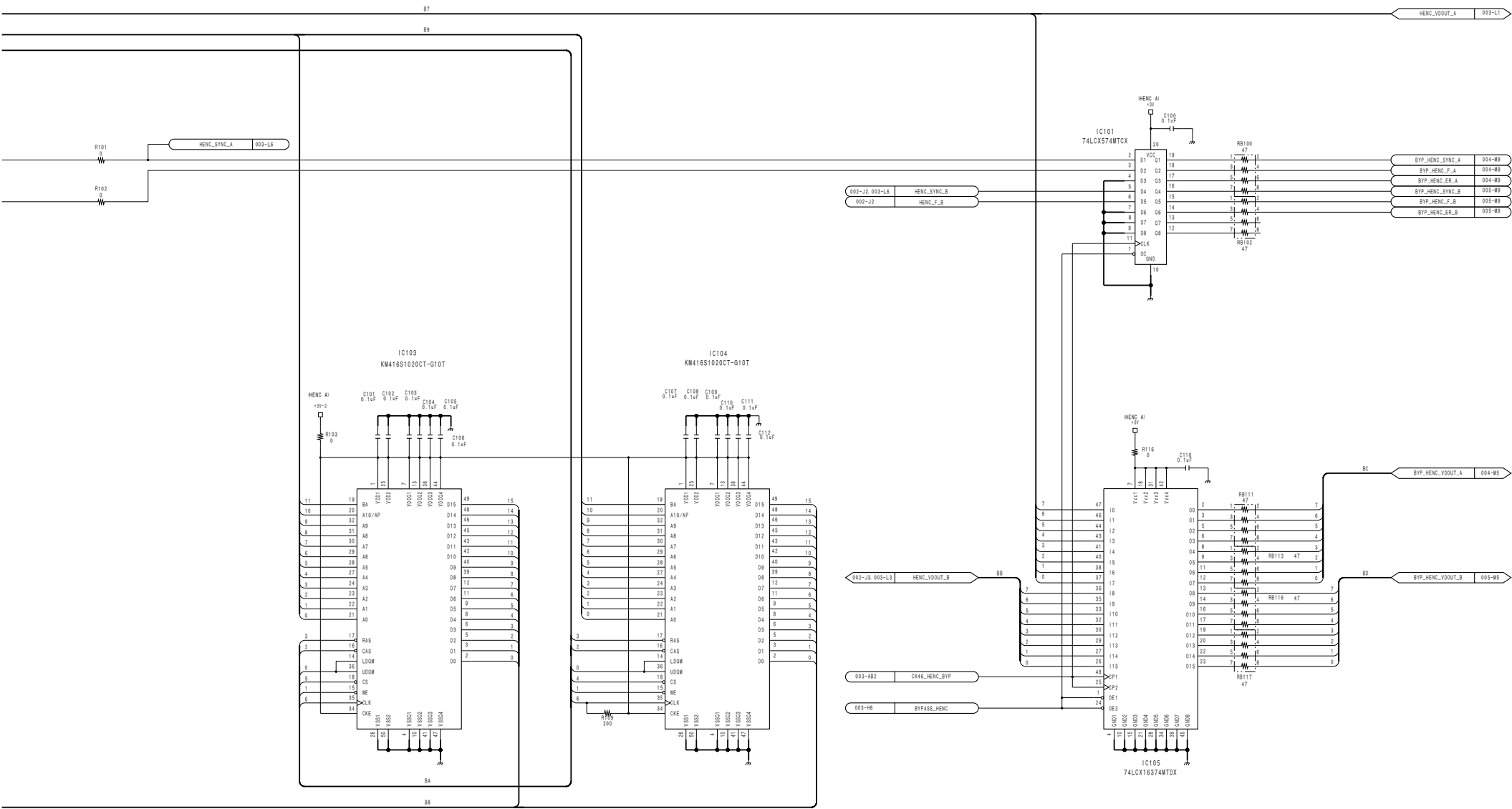
DCP-22 (4/5)
BOARD NO. 1-673-715-11
LOT NO. 812-902
HDW-250_DCP-22_011_4

HDW-250 (J) : S/N 30001 through 30050



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

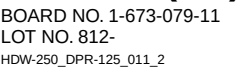




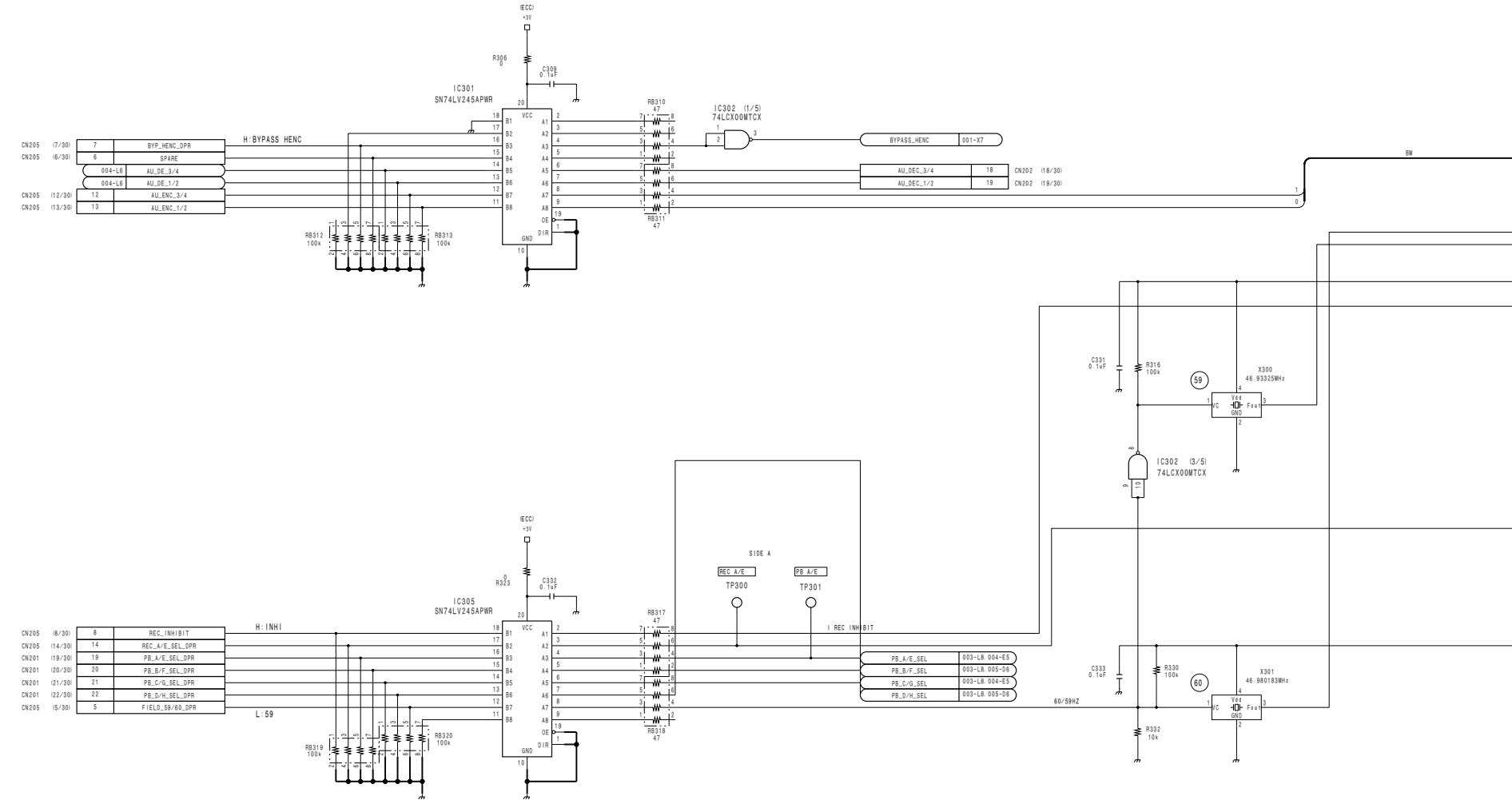
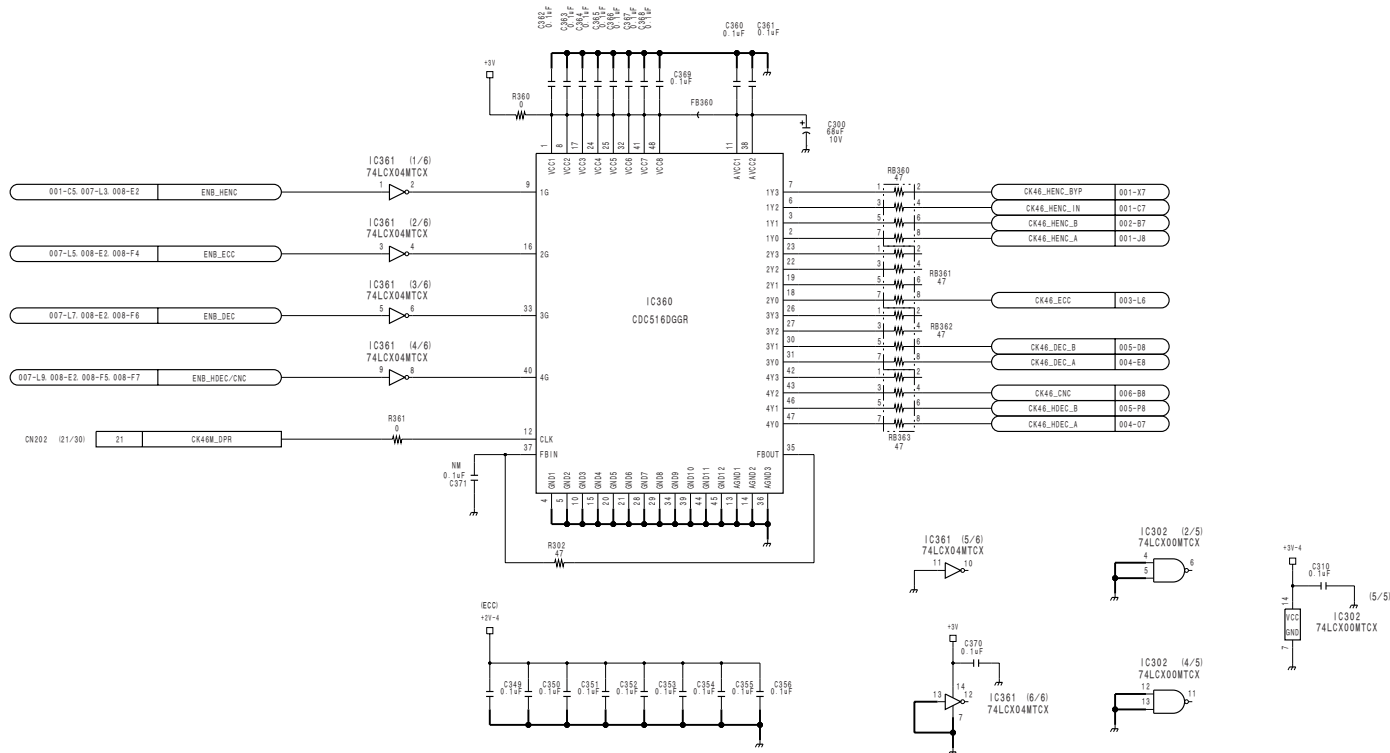
DPR-125 (1/8)
BOARD NO. 1-673-079-11
LOT NO. 812-
HDW-250_DPR-125_011_1

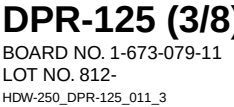


5



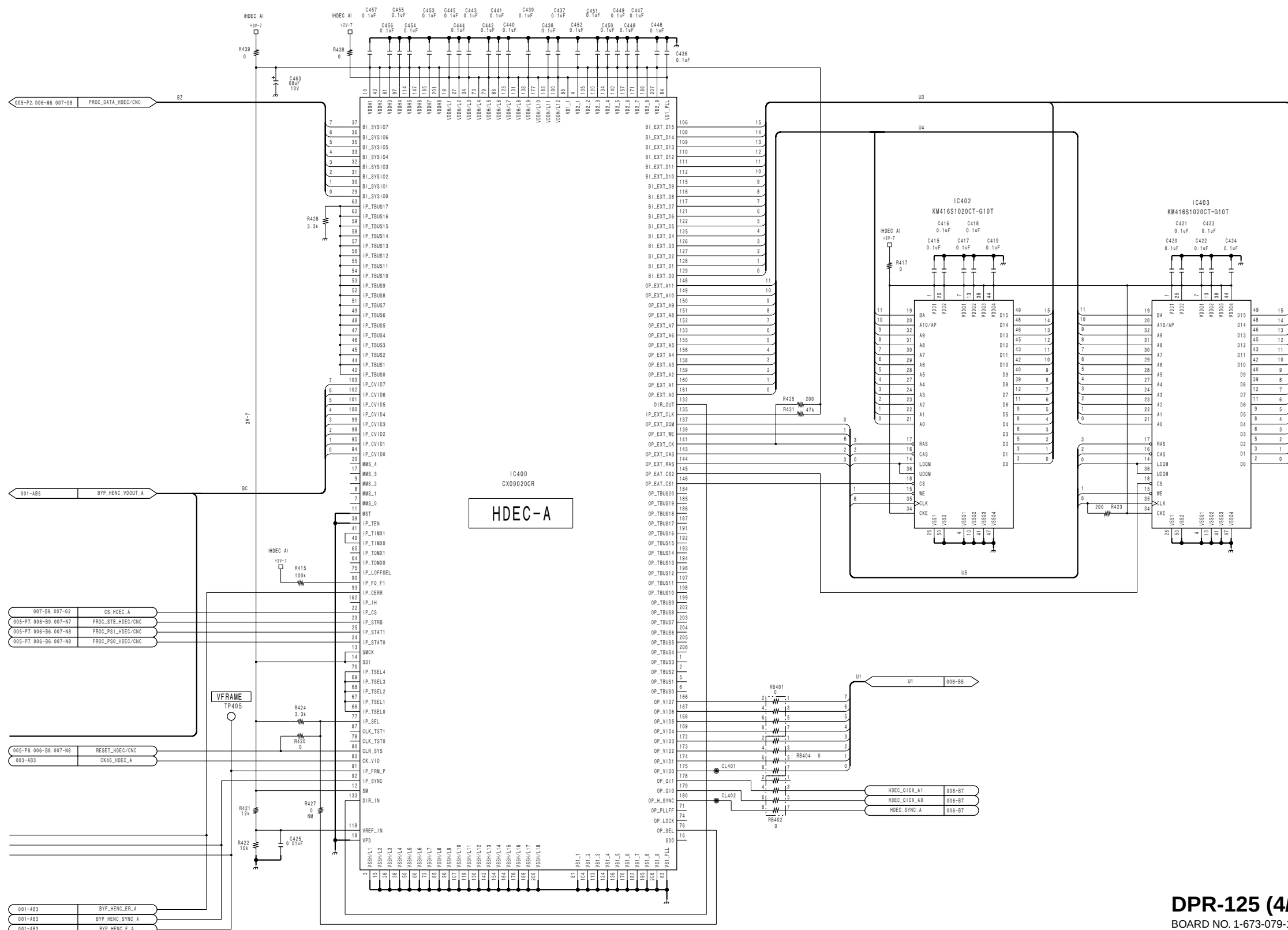
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher





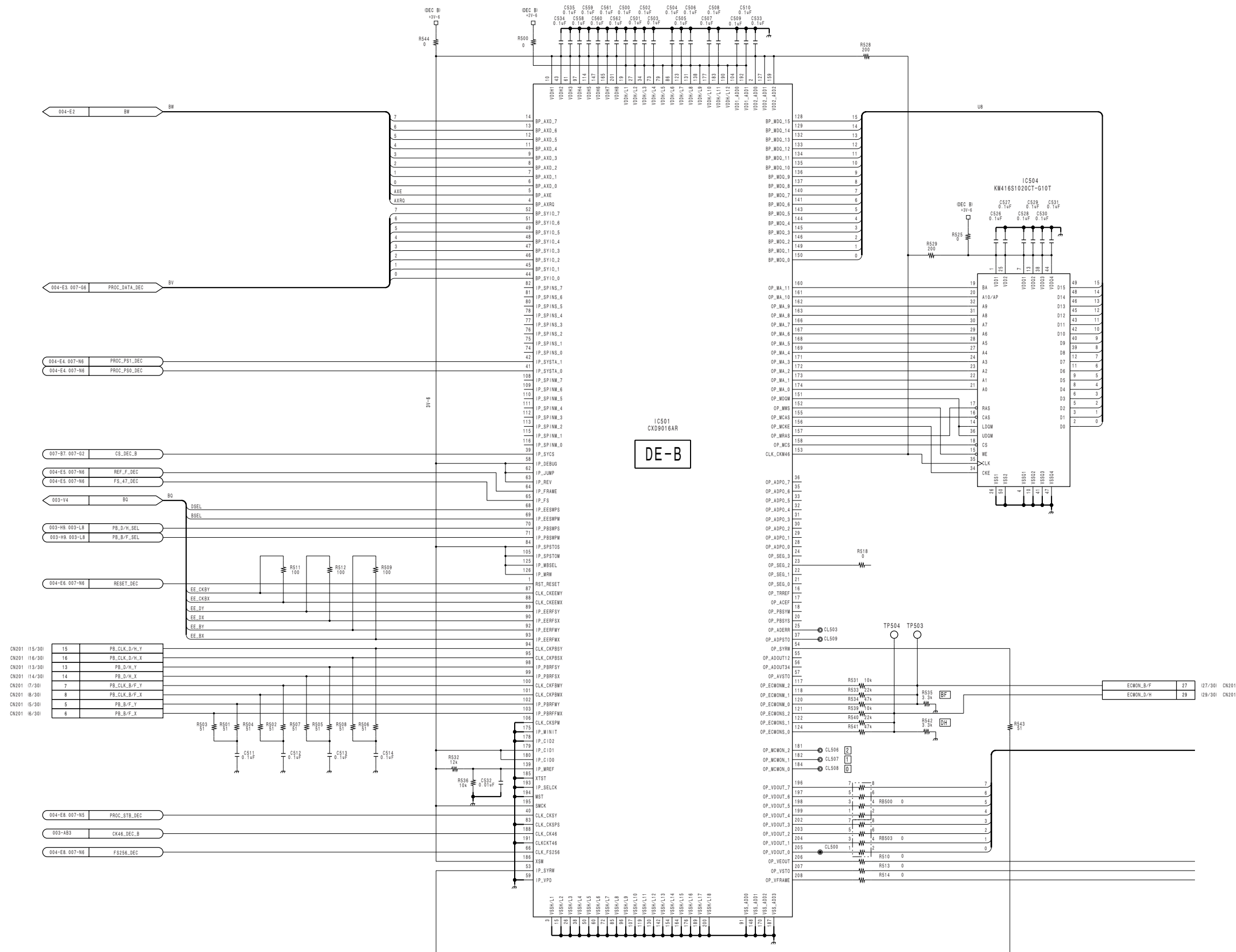
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

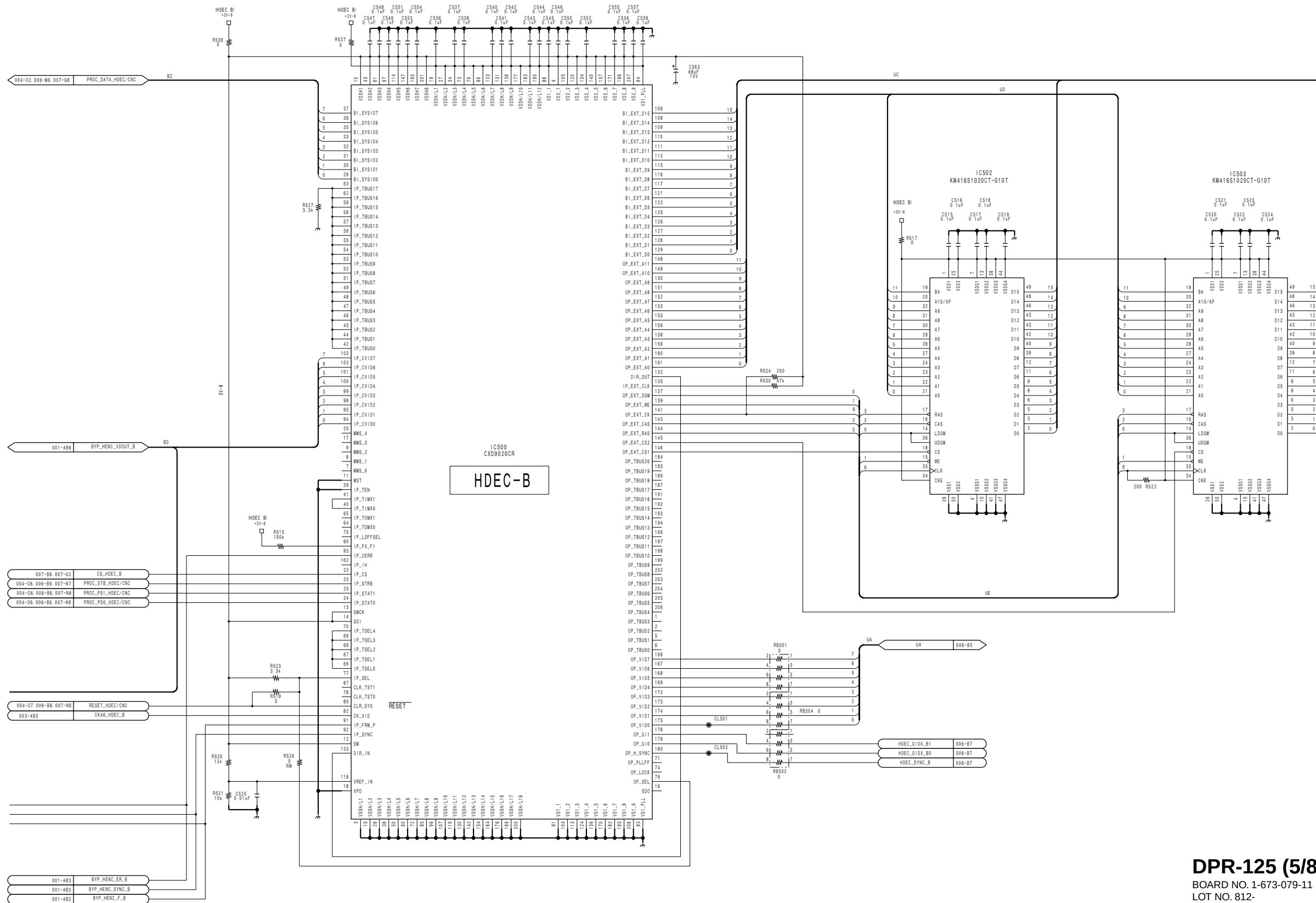
[illegible]



DPR-125 (4/8)
BOARD NO. 1-673-079-11
LOT NO. 812-
HDW-250_DPR-125_011_4

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher





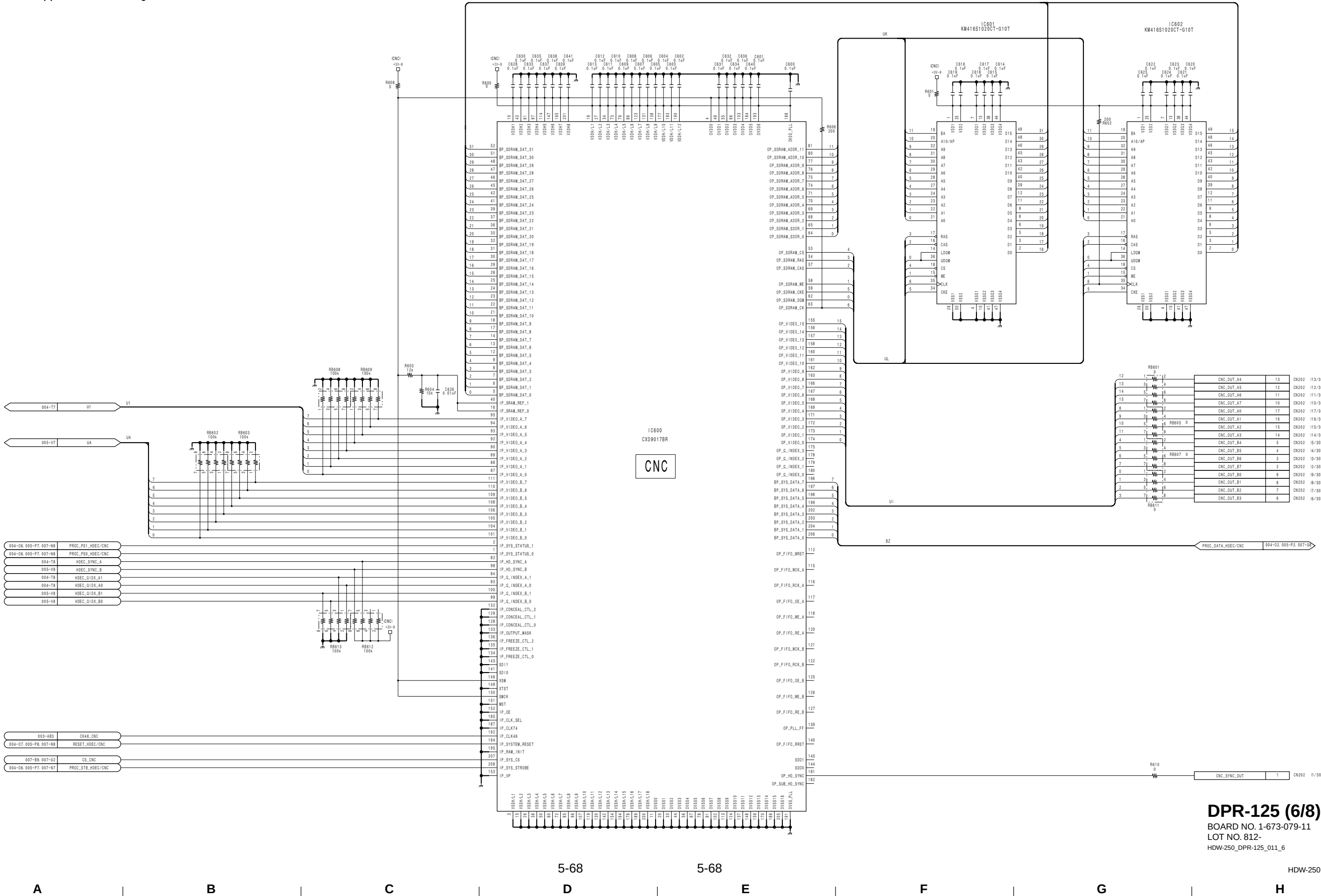
DPR-125 (5/8)

BOARD NO. 1-673-079-11

LOT NO. 812-

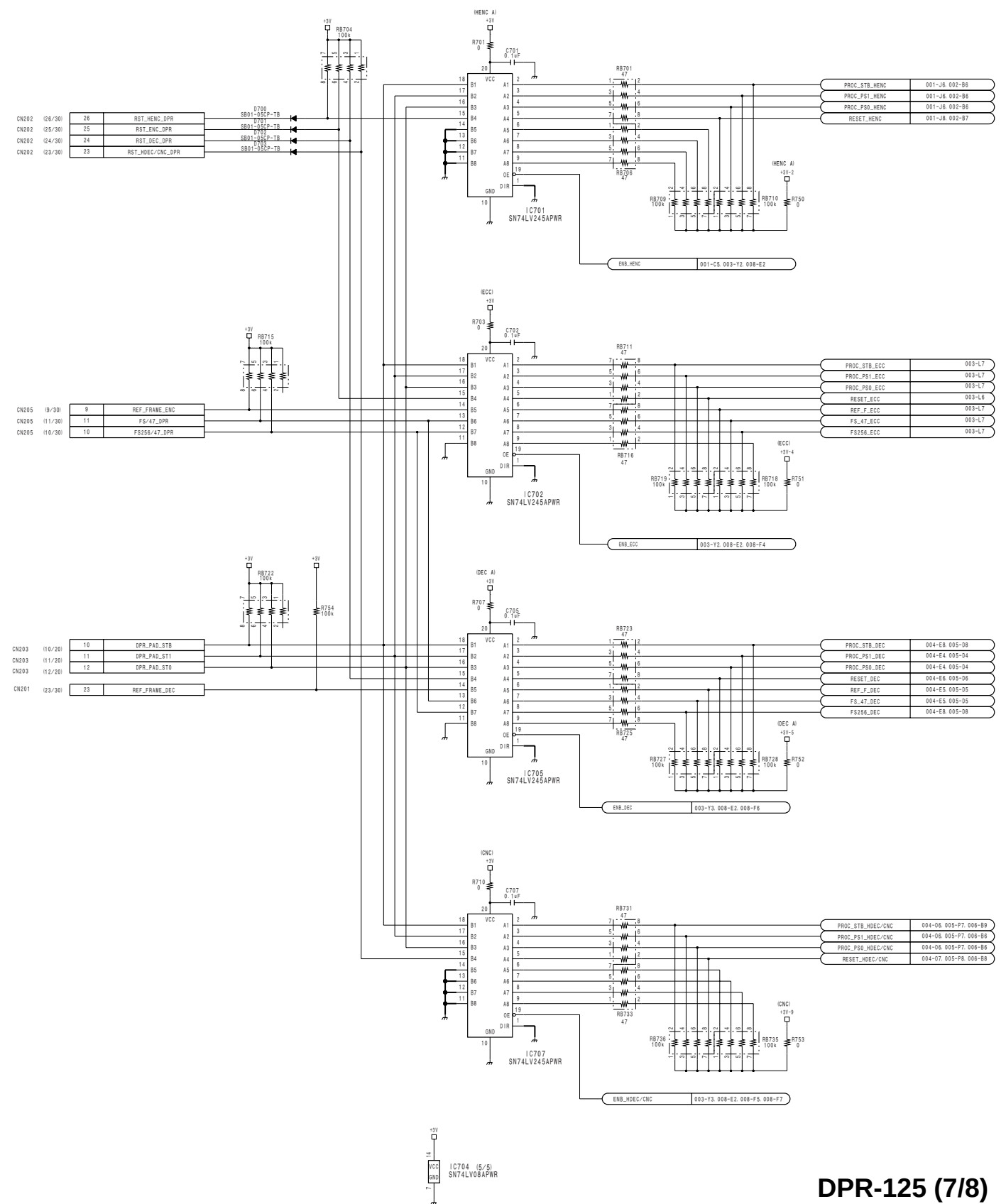
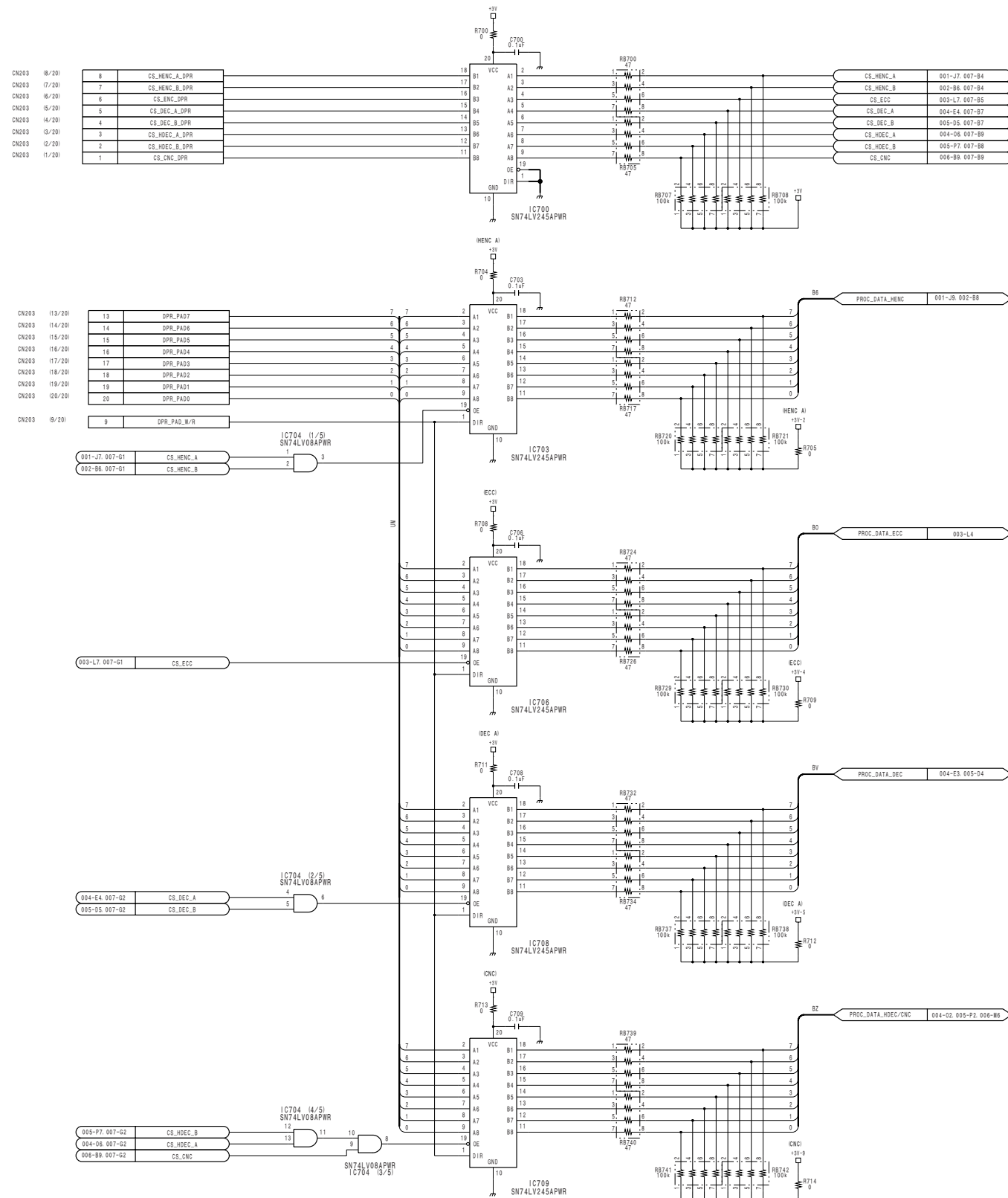
HDW-250_DPR-125_011_5

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



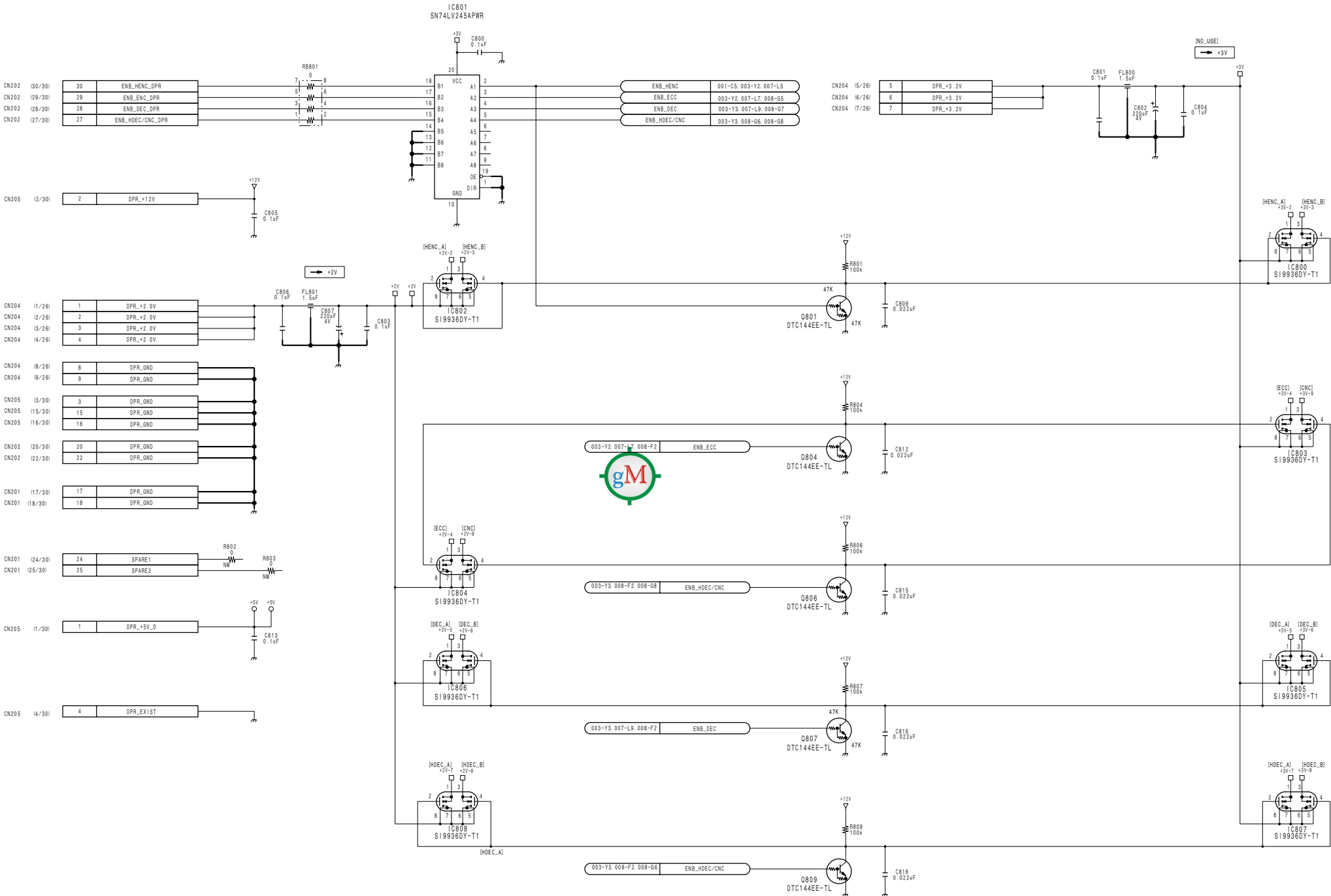
DPR-125 (7/8)

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



DPR-125 (7/8)
BOARD NO. 1-673-079-11
LOT NO. 812-
HDW-250_DPR-125_011_7

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



DPR-125 (8/8)

BOARD NO. 1-673-079-11

LOT NO. 812-

HDW-250_DPR-125_011_8

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

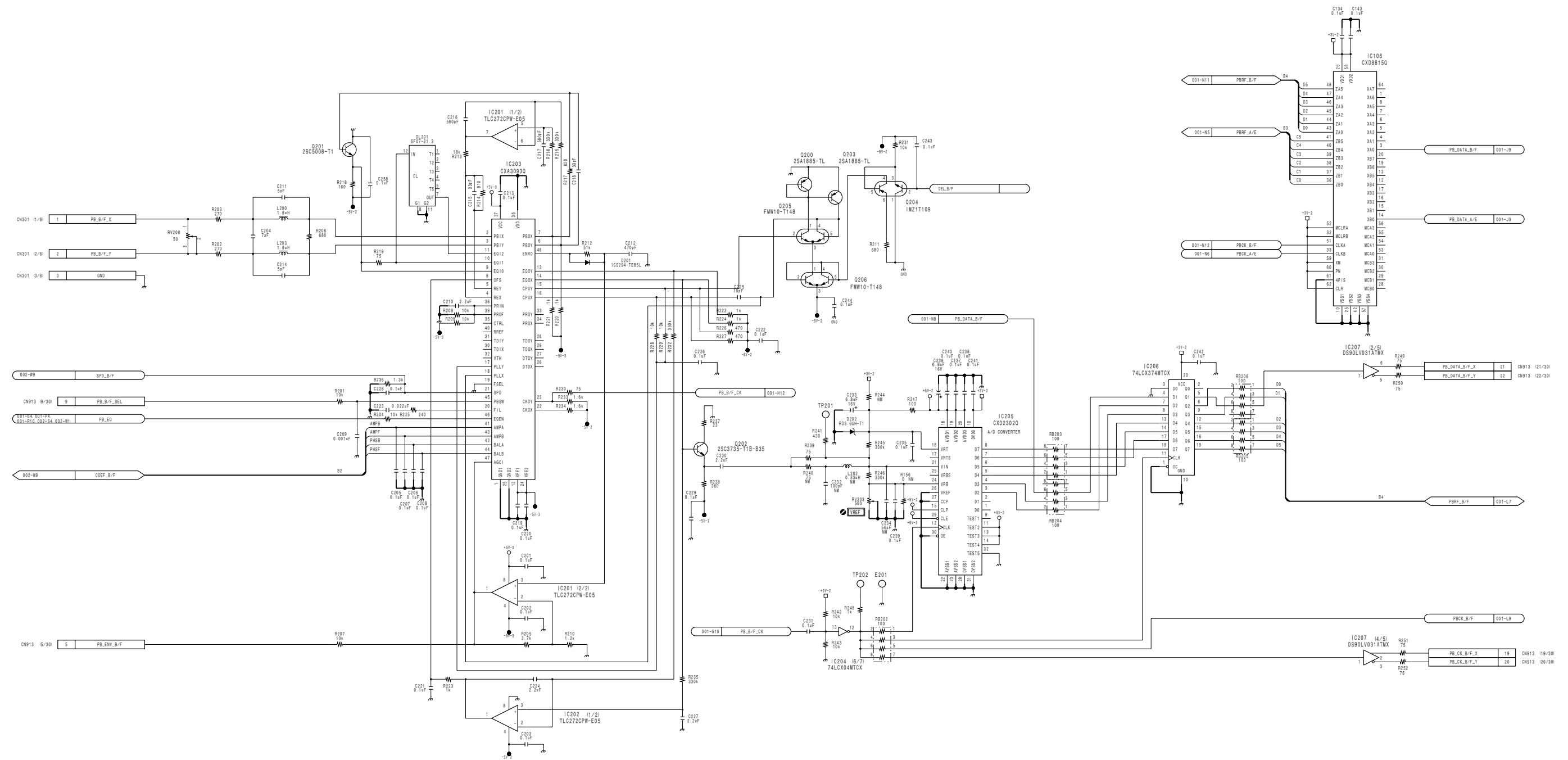
1

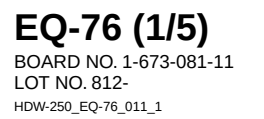
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HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

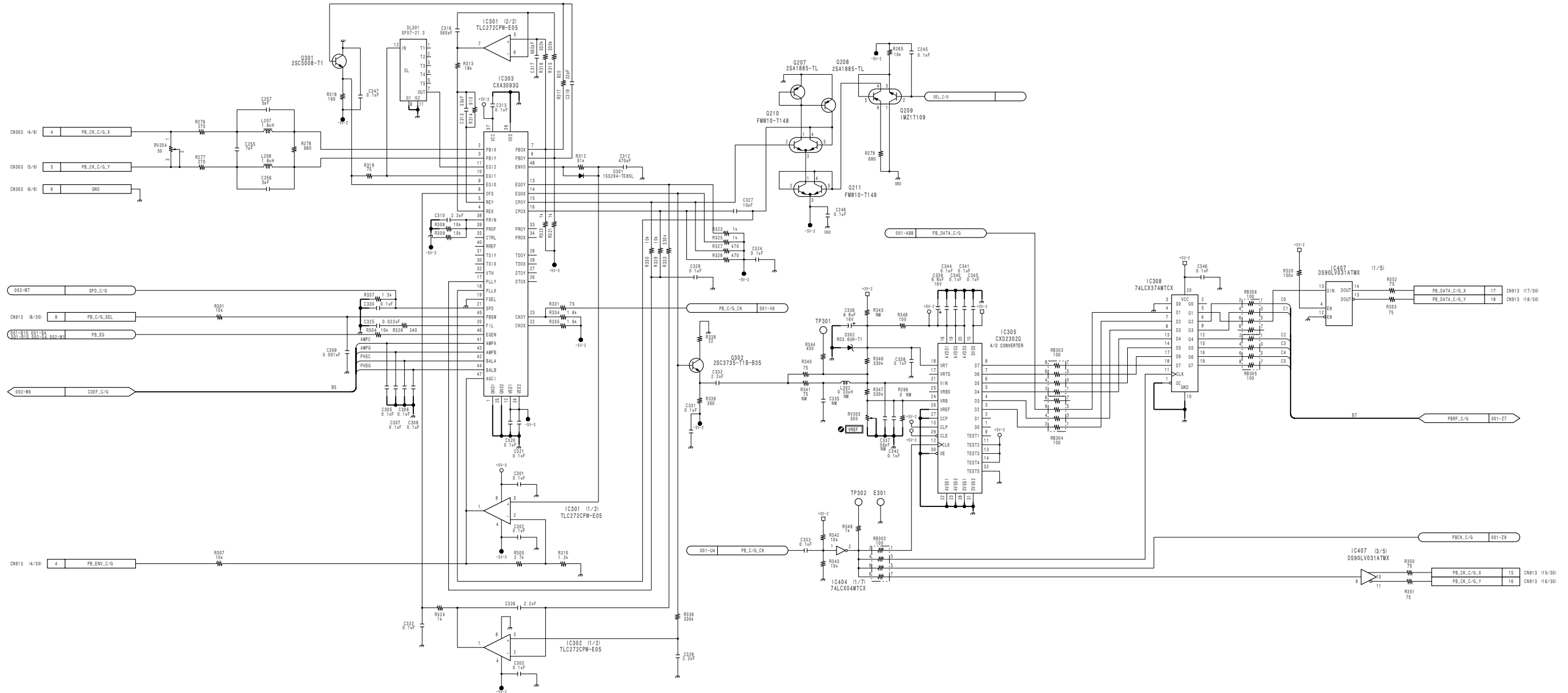
1

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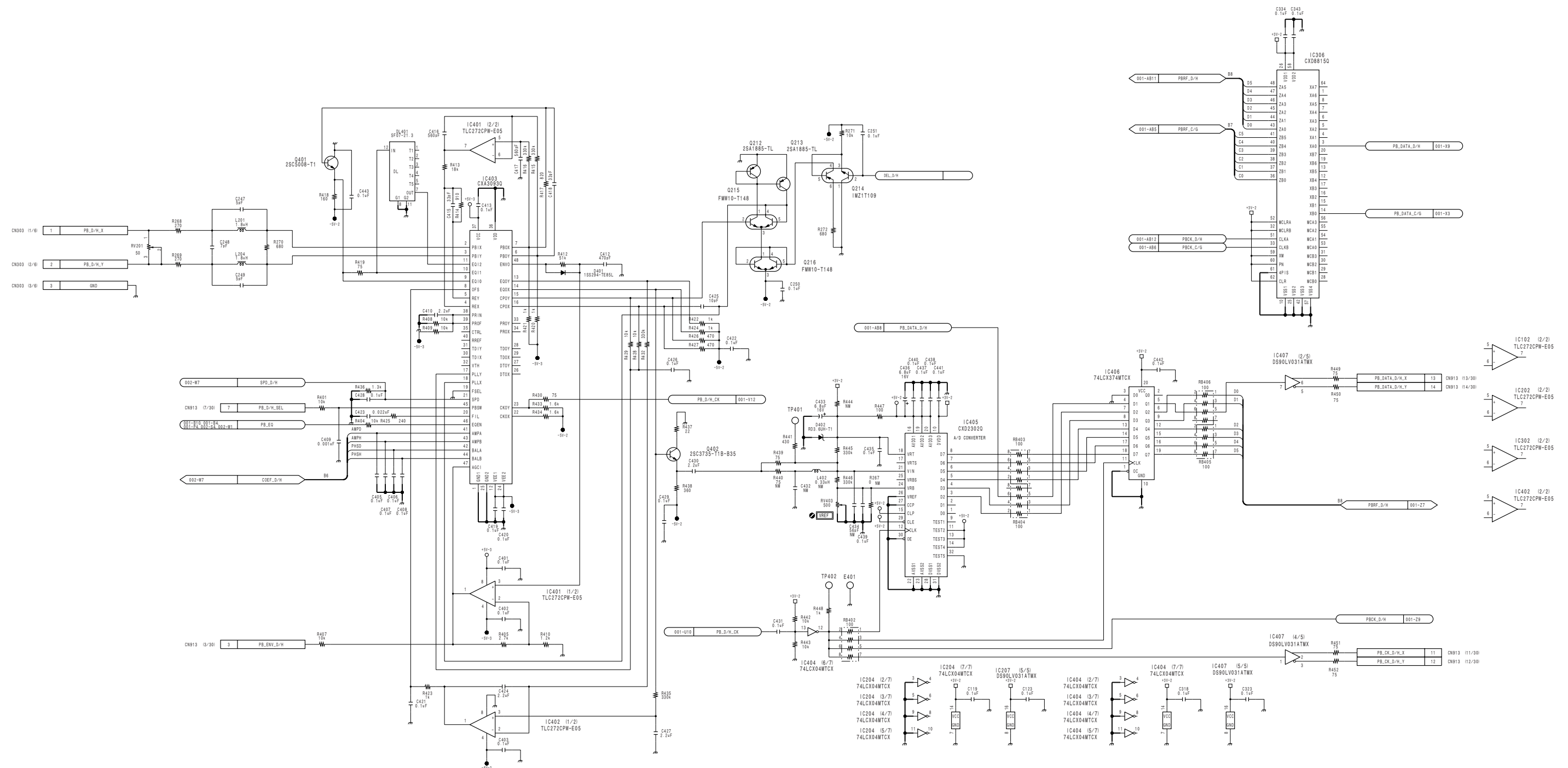
4

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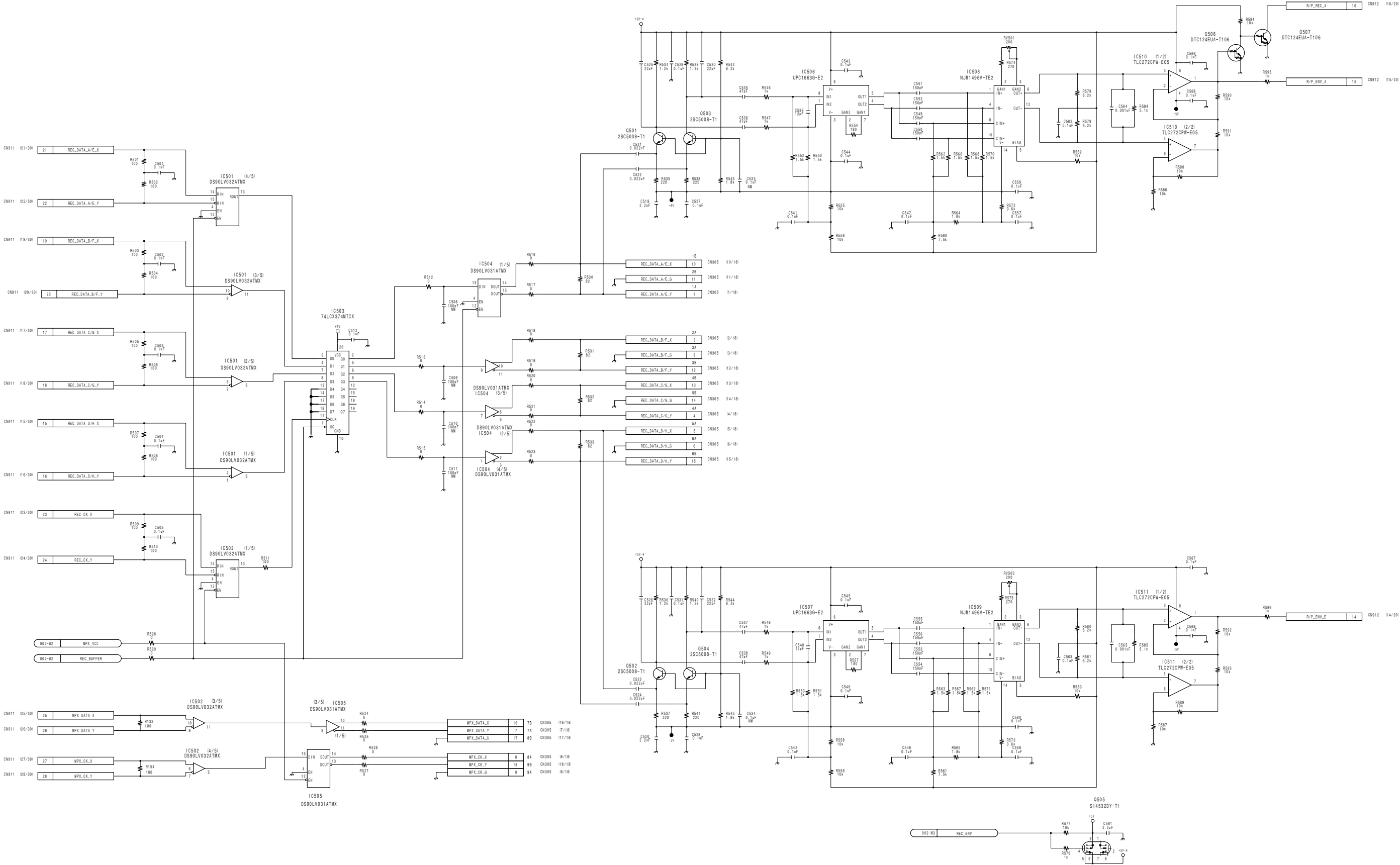
EQ-76 (2/5)
BOARD NO. 1-673-081-11
LOT NO. 812-
HDW-250_EQ-76_011_2

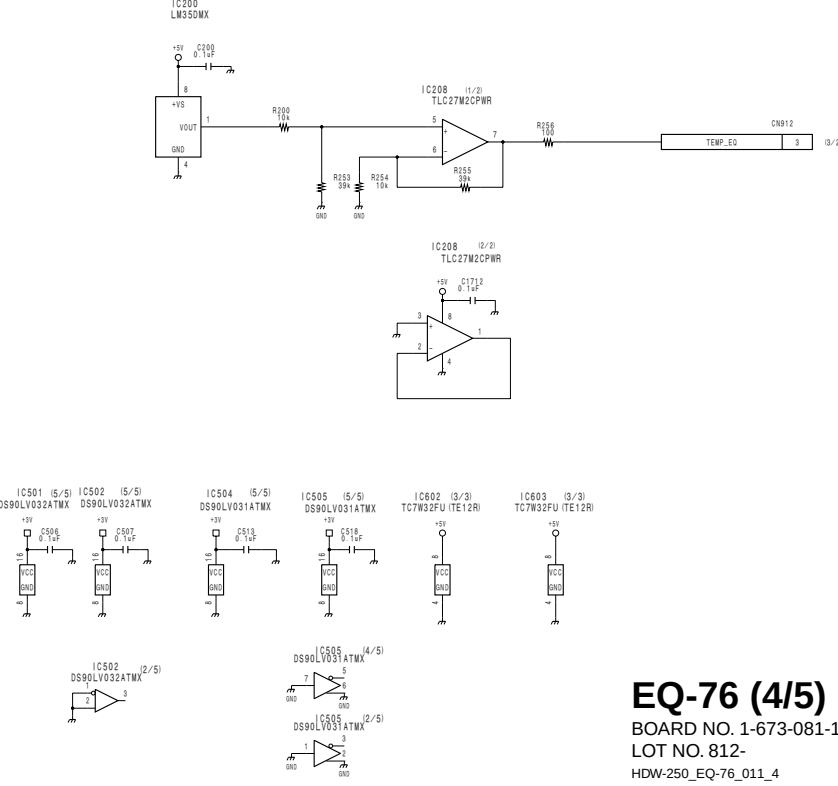
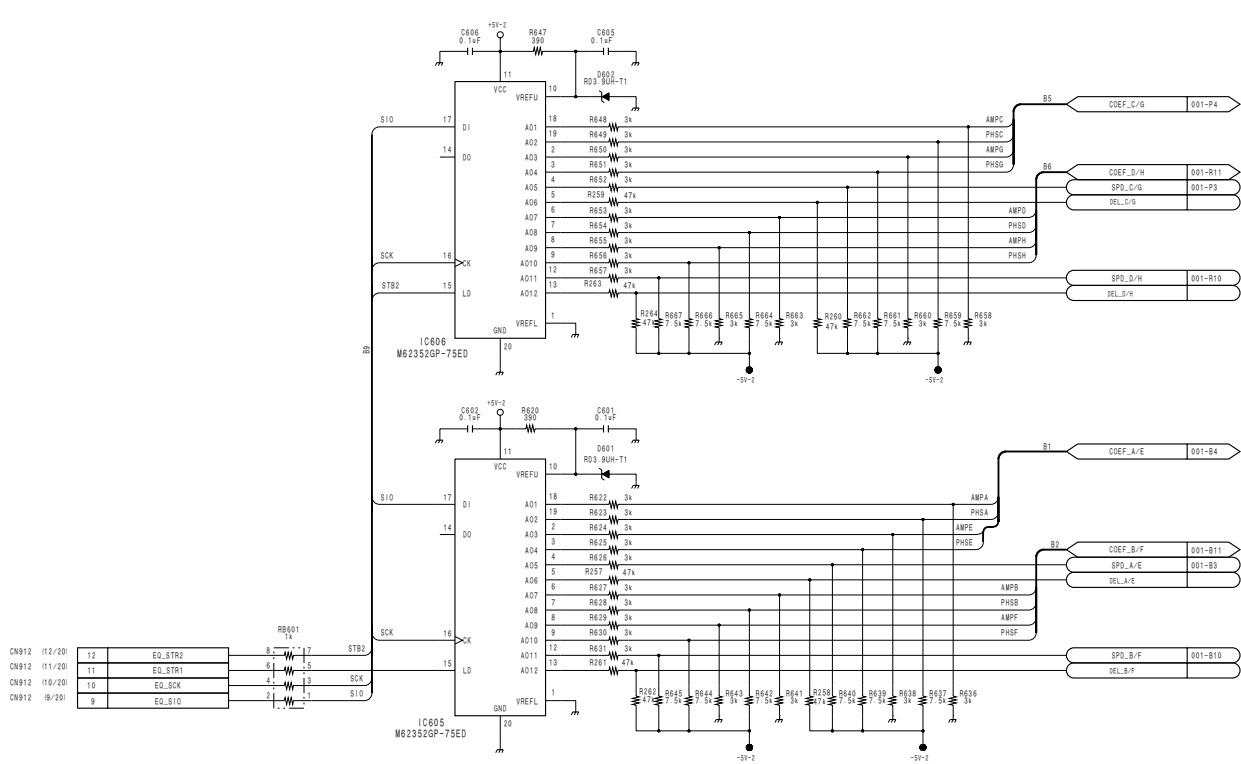
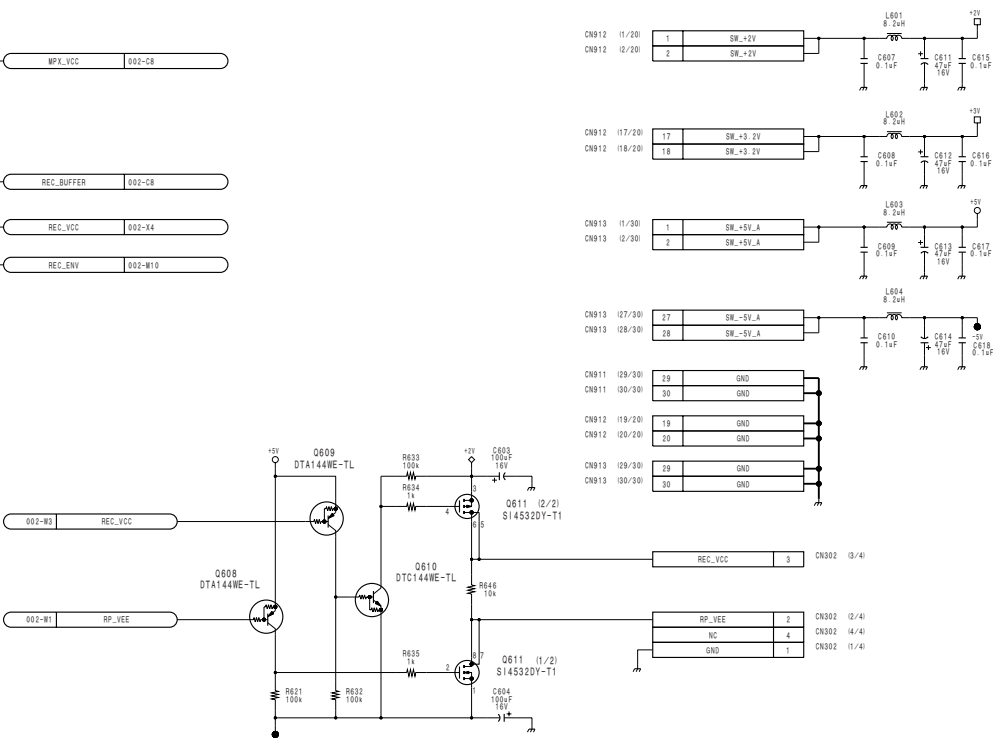
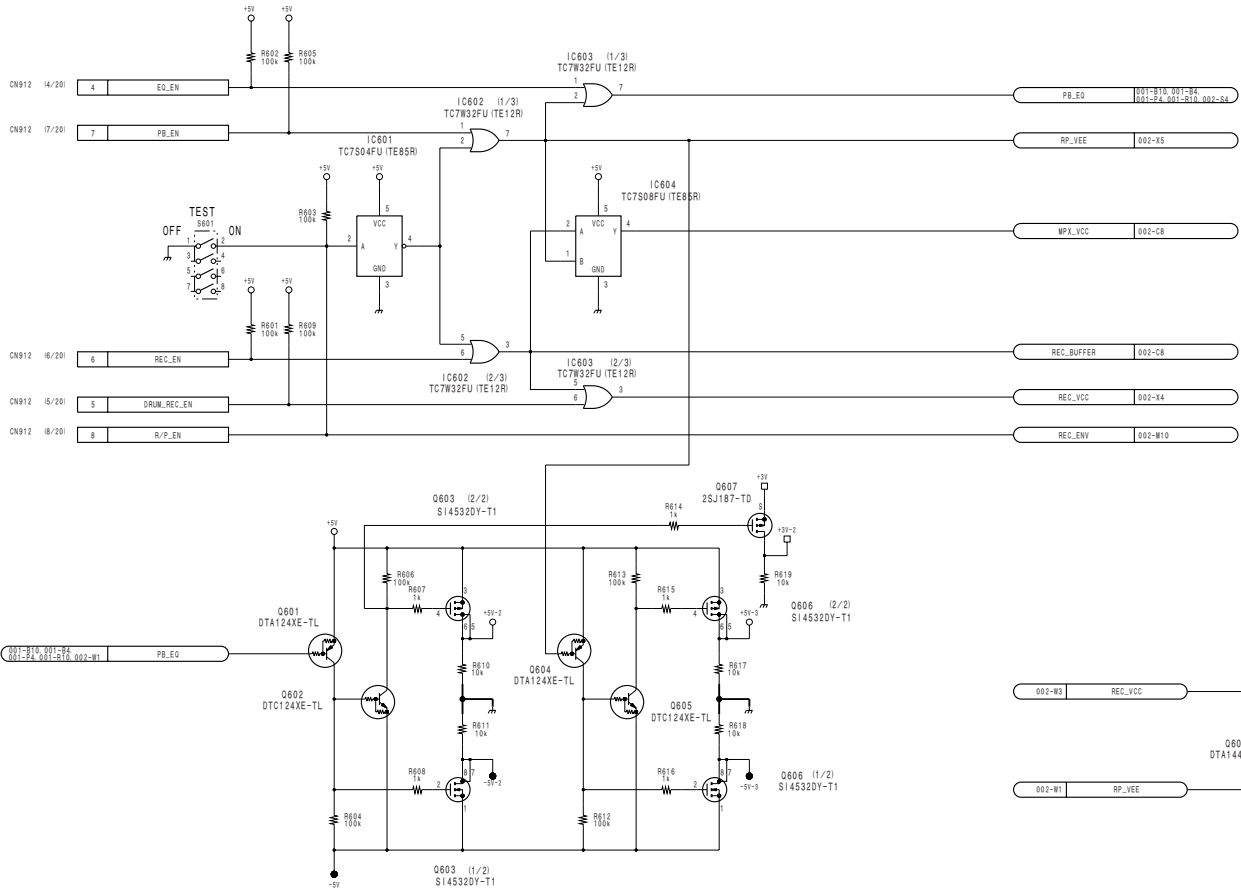
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



EQ-76 (3/5)
BOARD NO. 1-673-081-11
LOT NO. 812-
HDW-250_EQ-76_011_3

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher





EQ-76 (4/5)
BOARD NO. 1-673-081-11
LOT NO. 812-
HDW-250_EQ-76_011_4

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

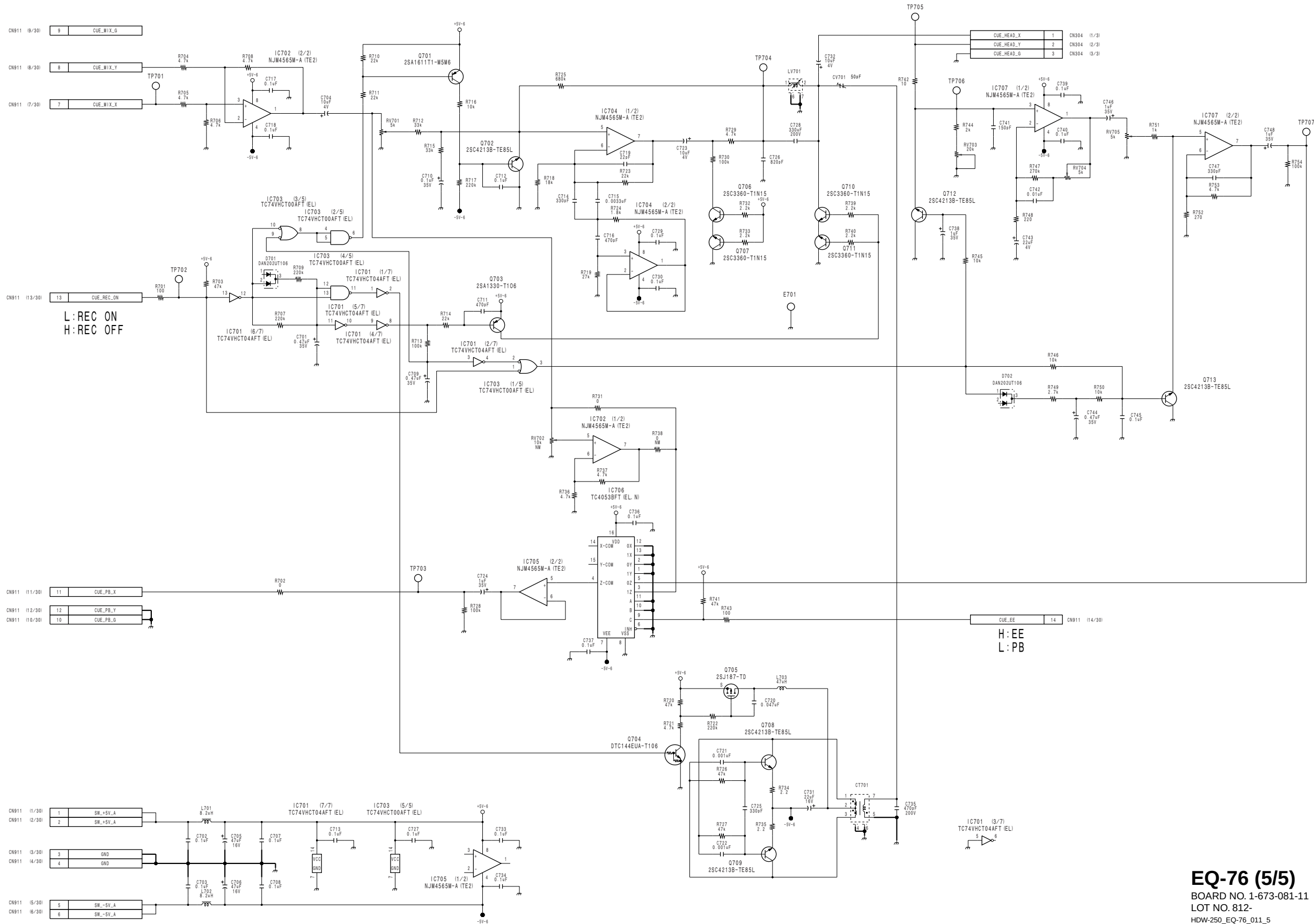
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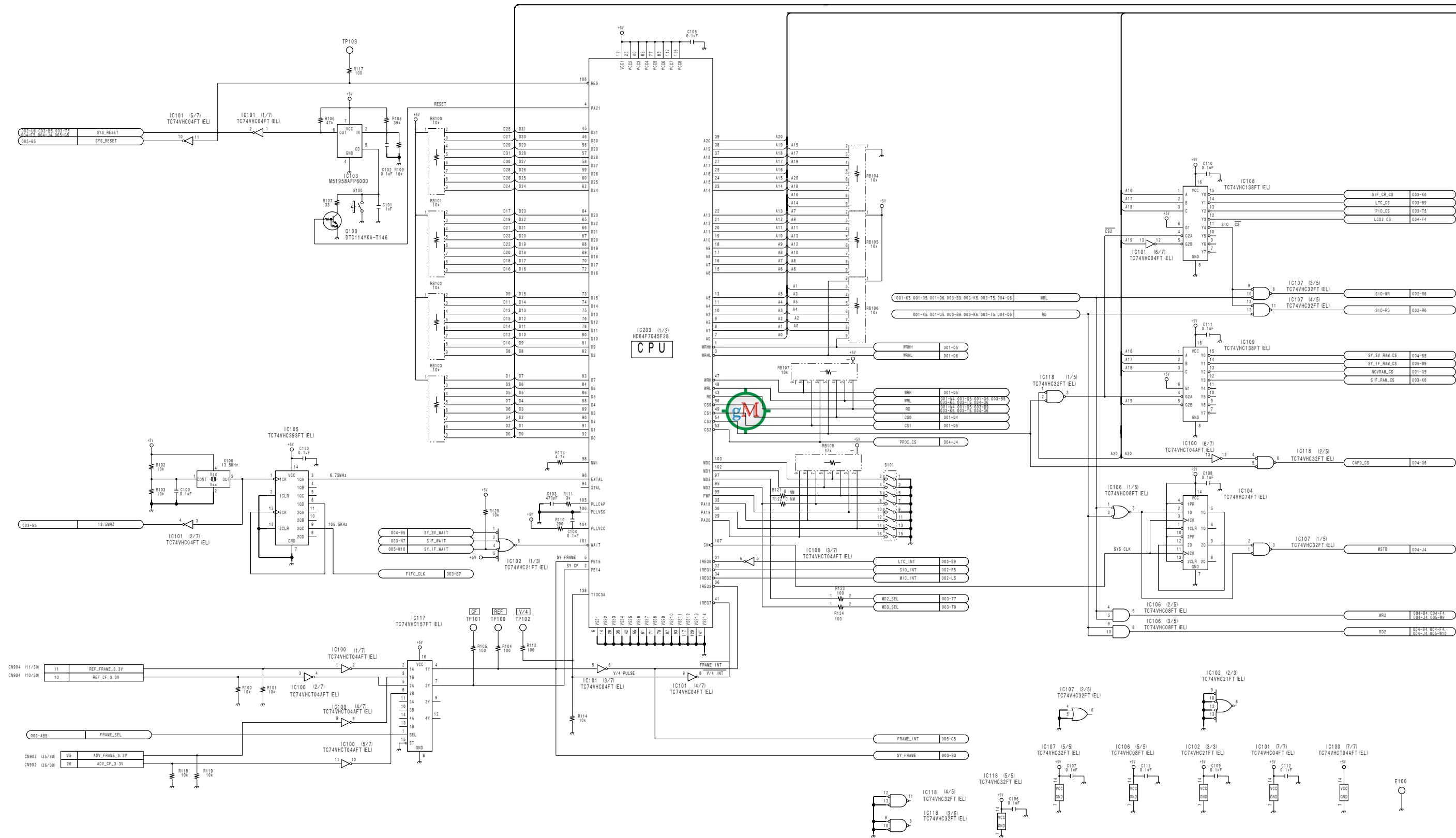
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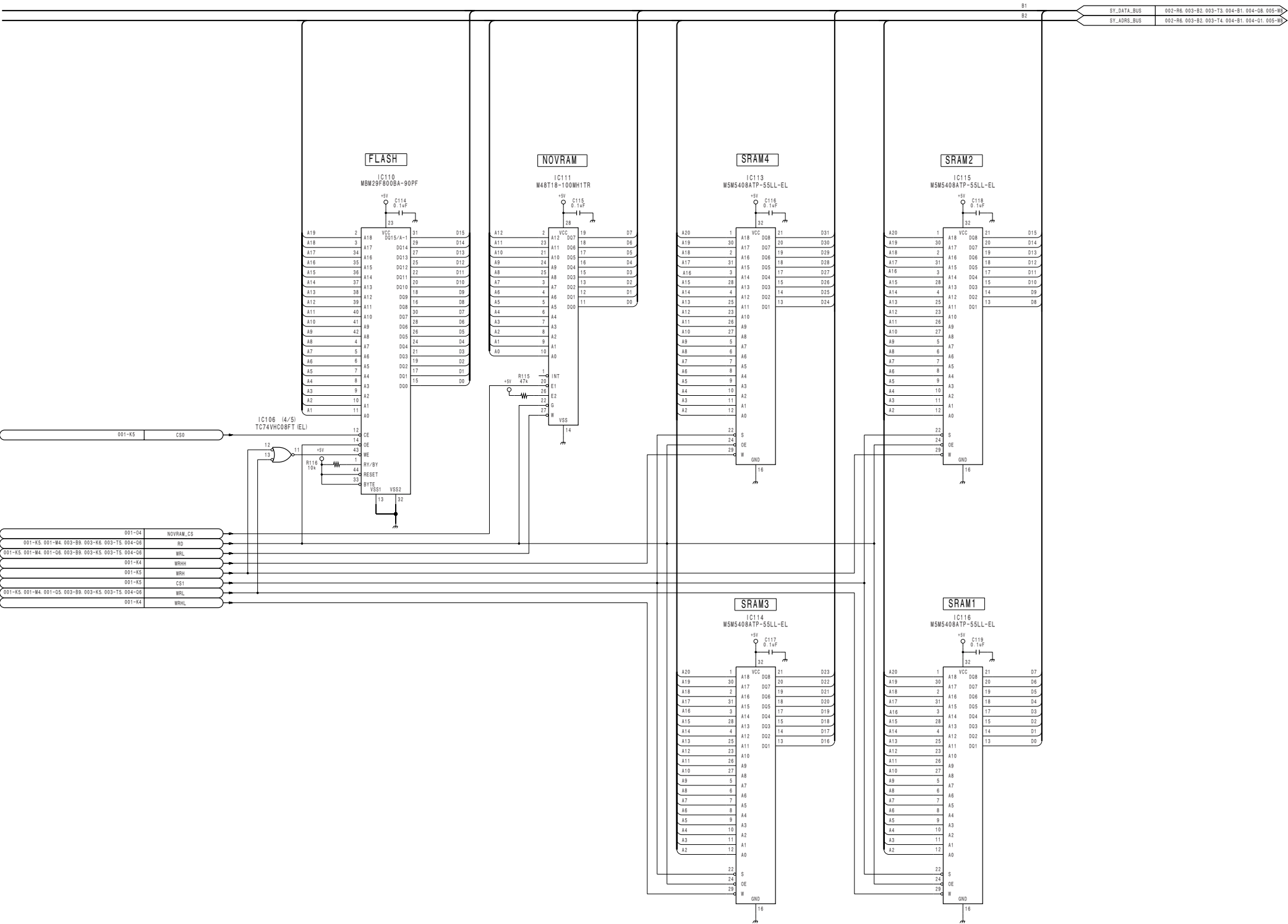


EQ-76 (5/5)
BOARD NO. 1-673-081-11
LOT NO. 812-
HDW-250_EQ-76_011_5

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

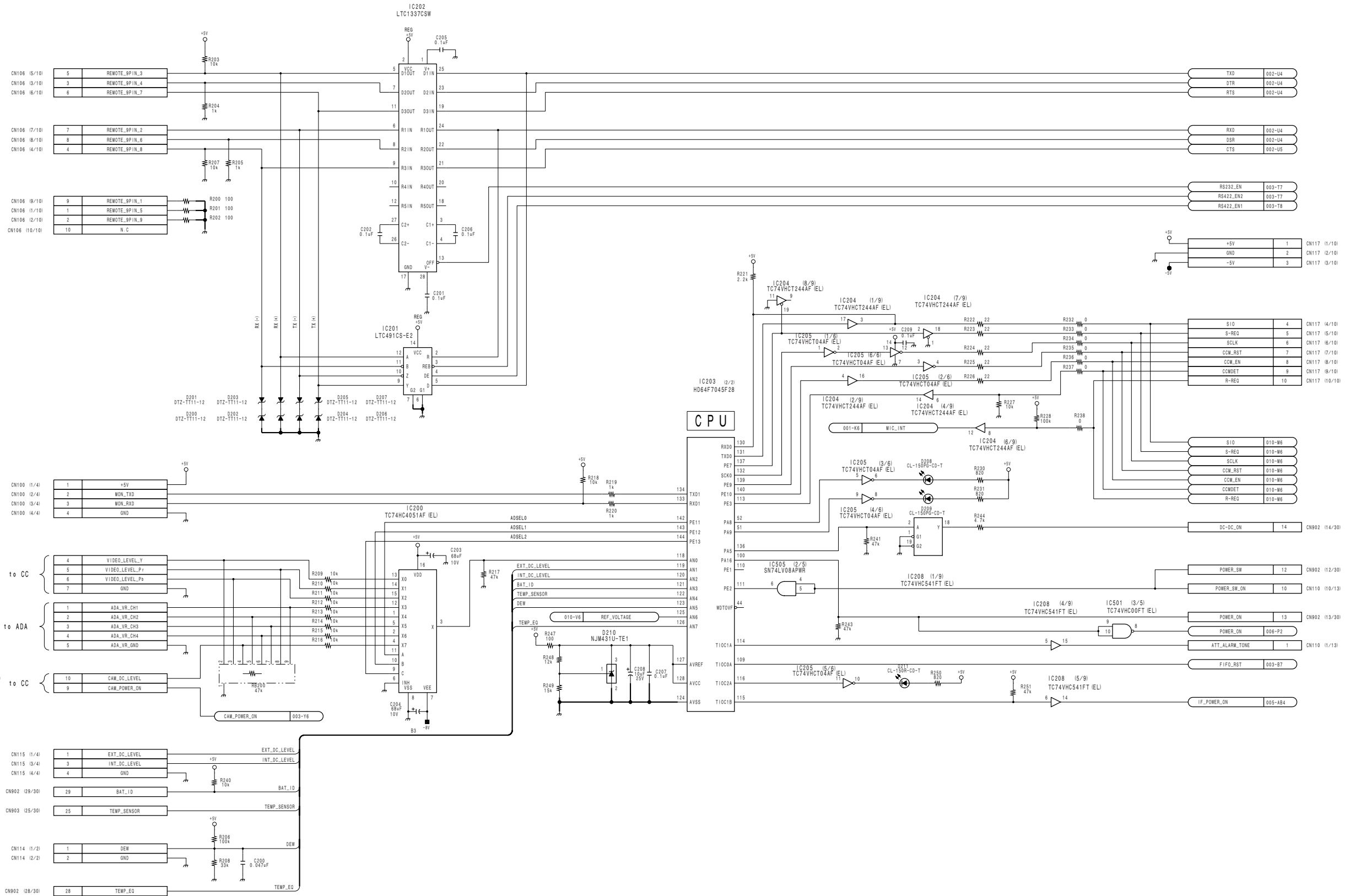
5





SST-13 (1/12)
BOARD NO. 1-673-082-11/-12
LOT NO. 812-
HDW-250_SST-13_011_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

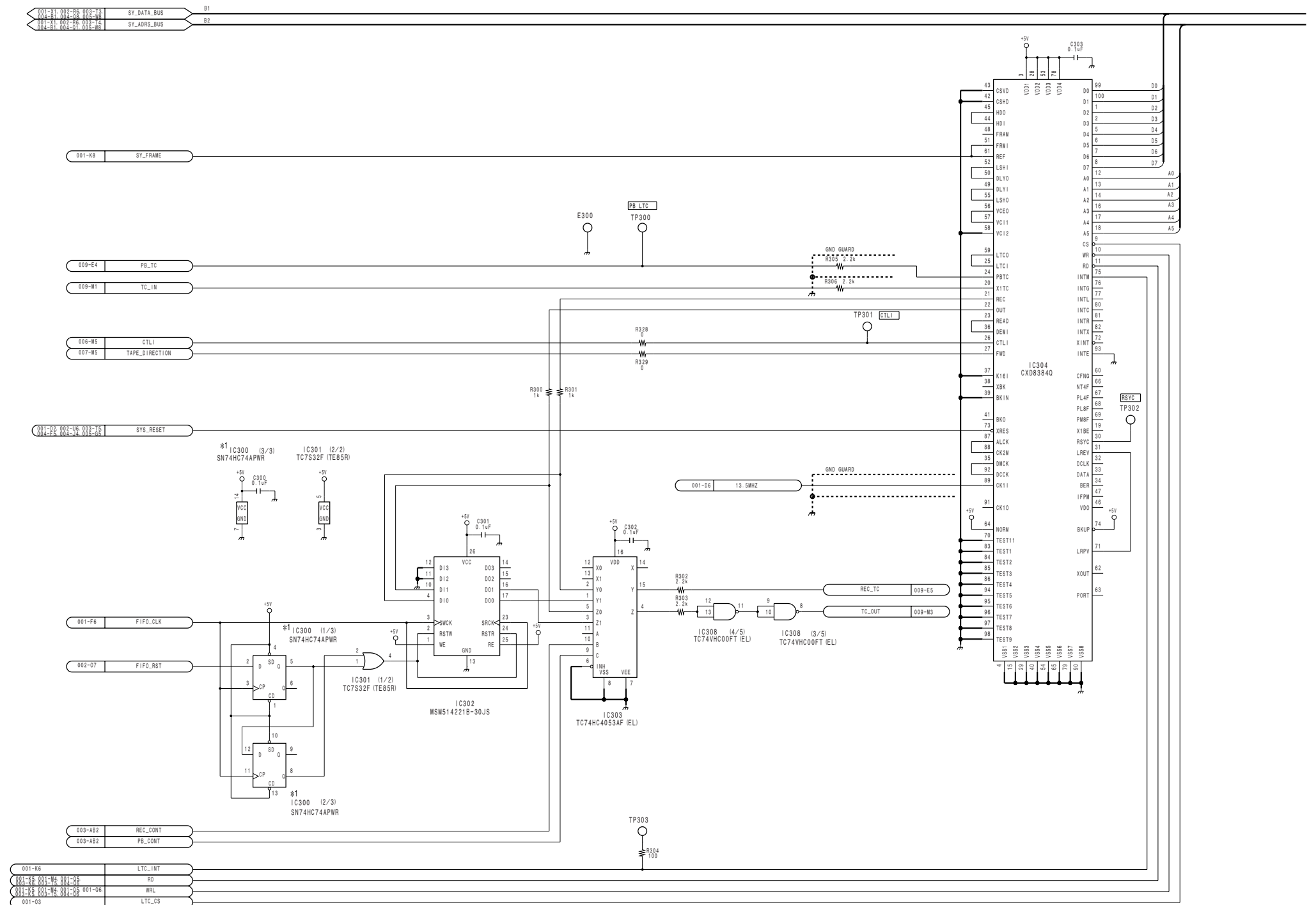
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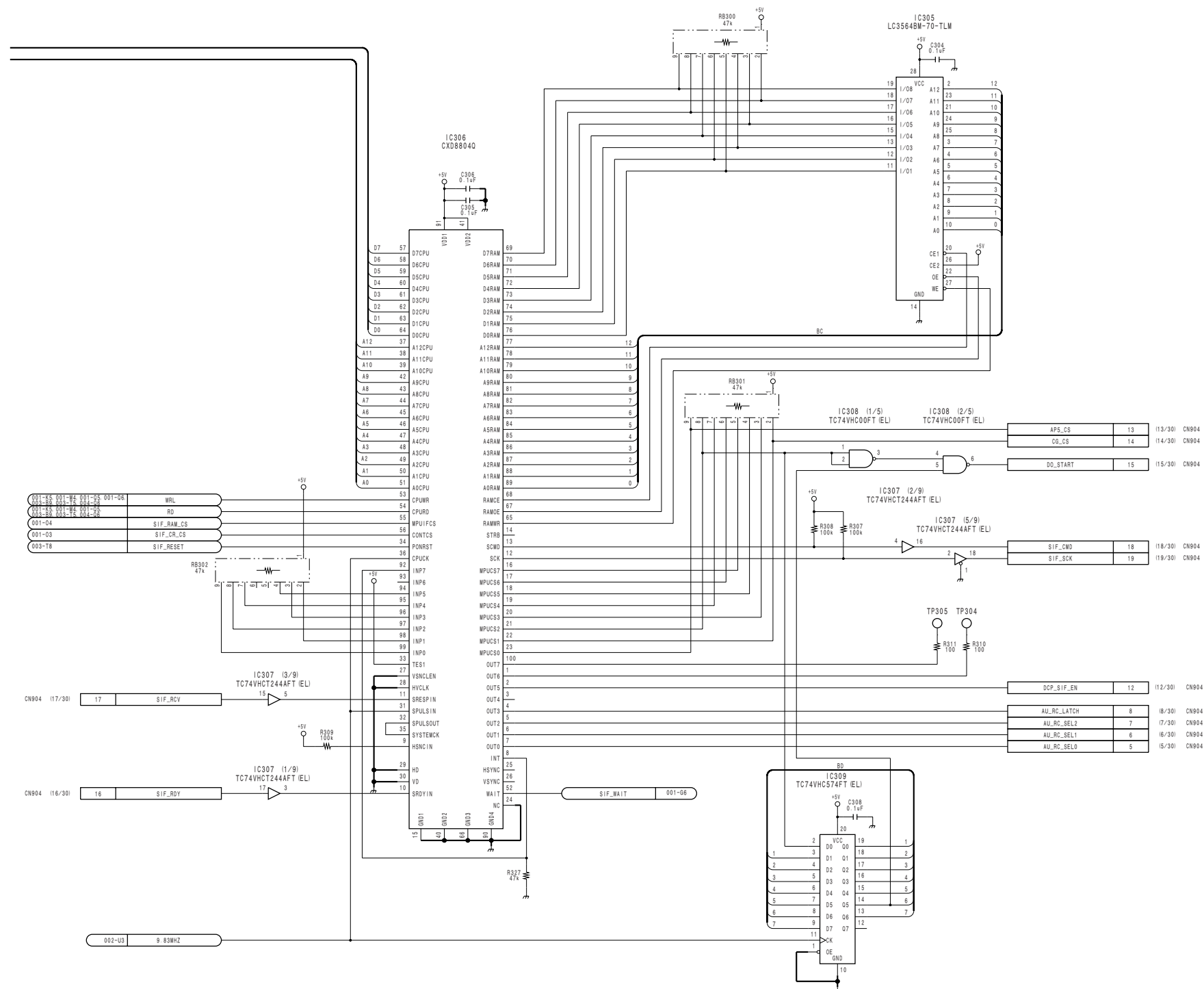
4

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NOTE

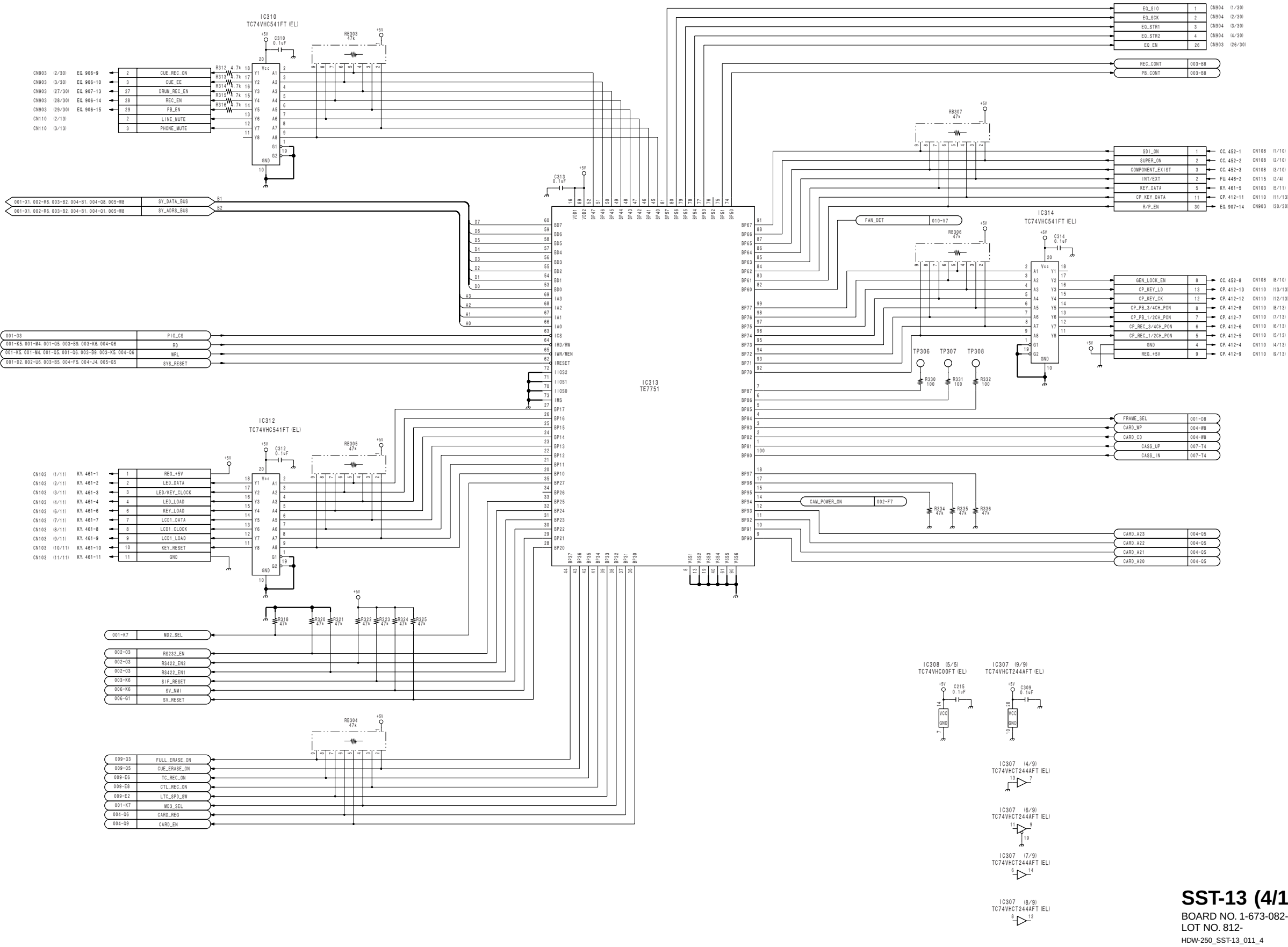
MARK	CHANGE INFORMATION	SERIAL NO.
*1	IC300 SN74HCAPW-E05 → SN74HCAPWR	S/N30051~



SST-13 (3/12)

BOARD NO. 1-673-082-11/-12
LOT NO. 812-
HDW-250_SST-13_011_3

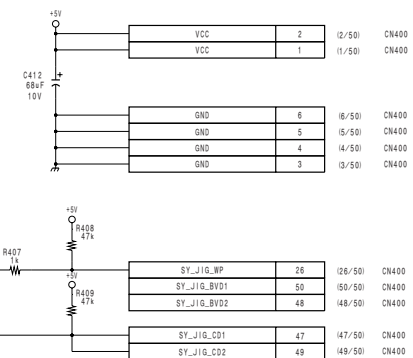
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



SST-13 (4/12)
BOARD NO. 1-673-082-11/12
LOT NO. 812-
HDW-250_SST-13_011_4

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HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

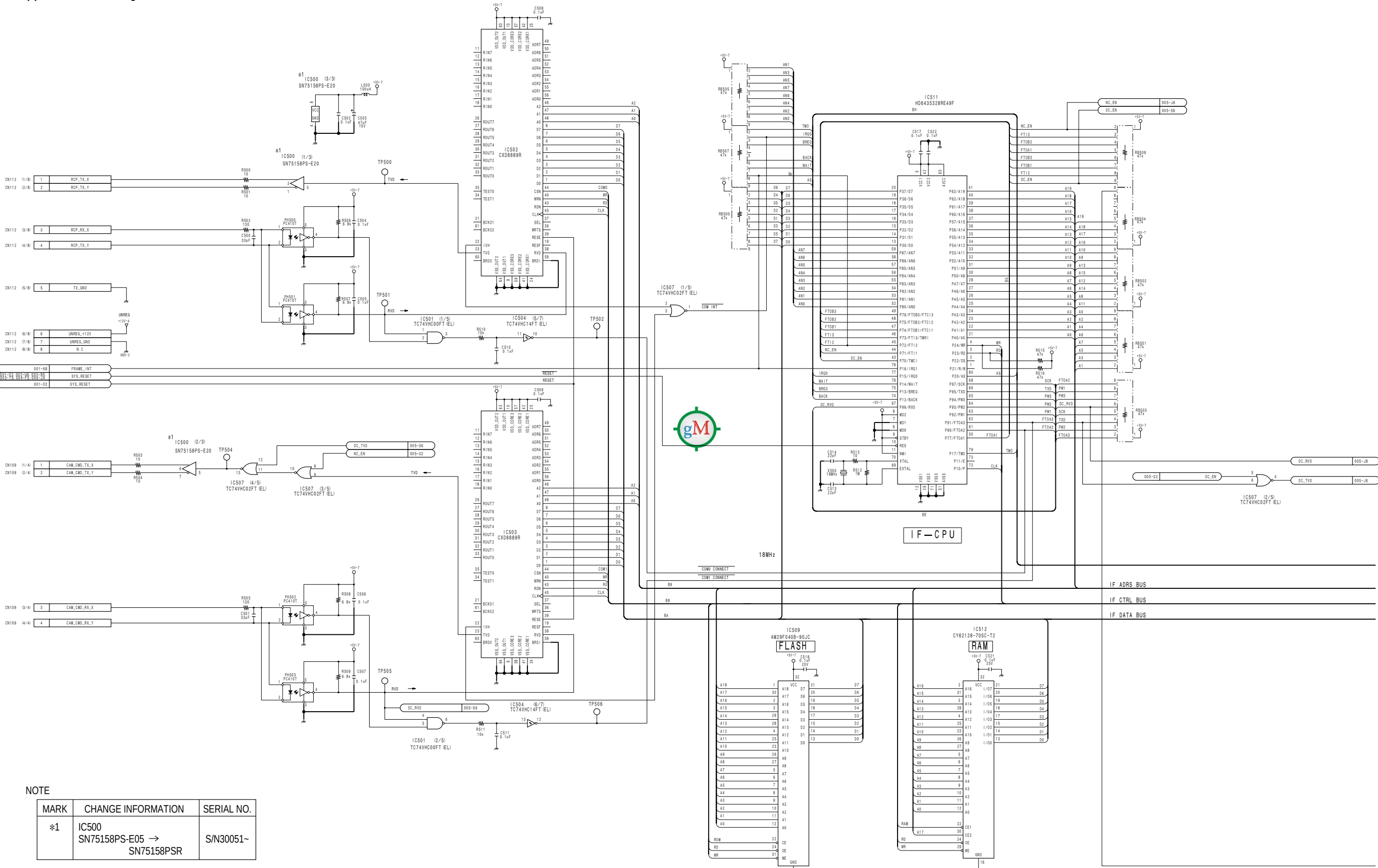
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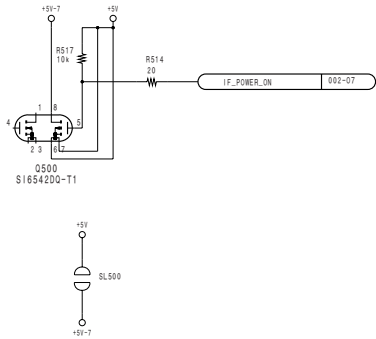
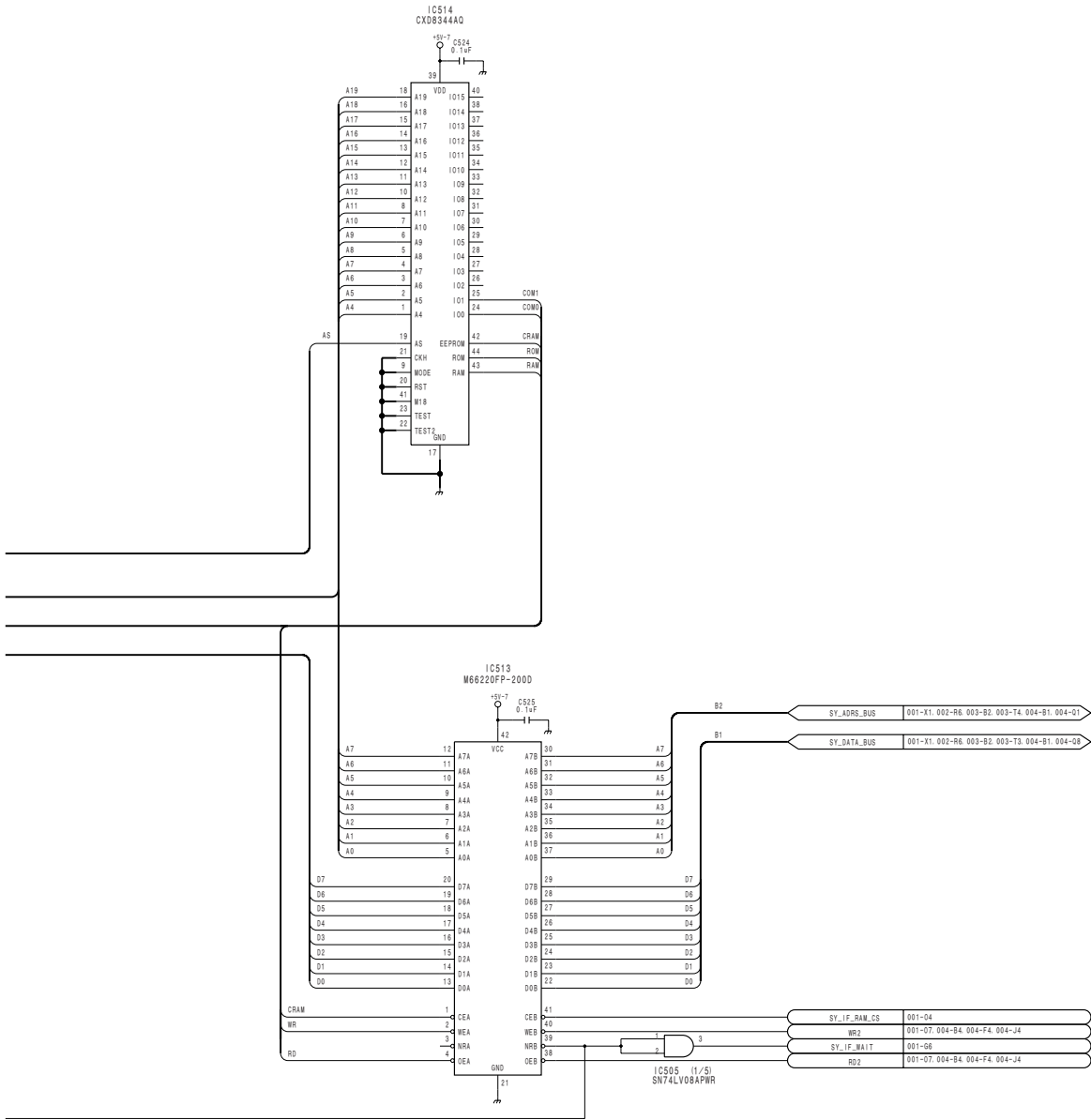
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NOTE

MARK	CHANGE INFORMATION	SERIAL NO.
*1	IC500 SN75158PS-E05 → SN75158PSR	S/N30051~



E500

SST-13 (7/12)

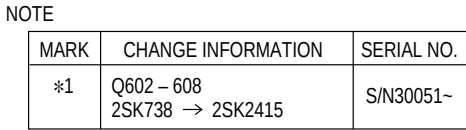
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

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DW-250



SST-13 (7/12)
BOARD NO. 1-673-082-11/-12
LOT NO. 812-
HDW-250_SST-13_011_7

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

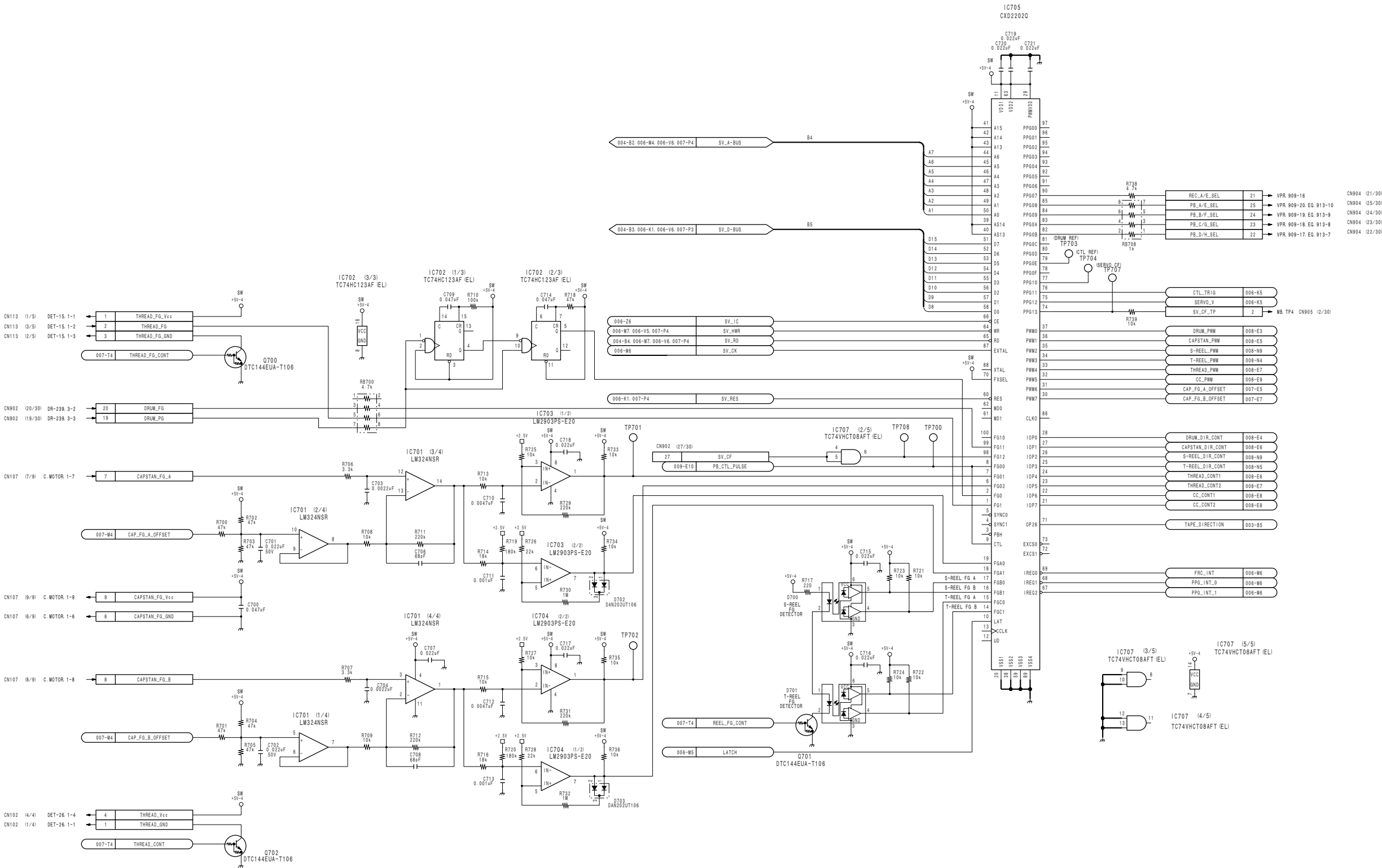
1

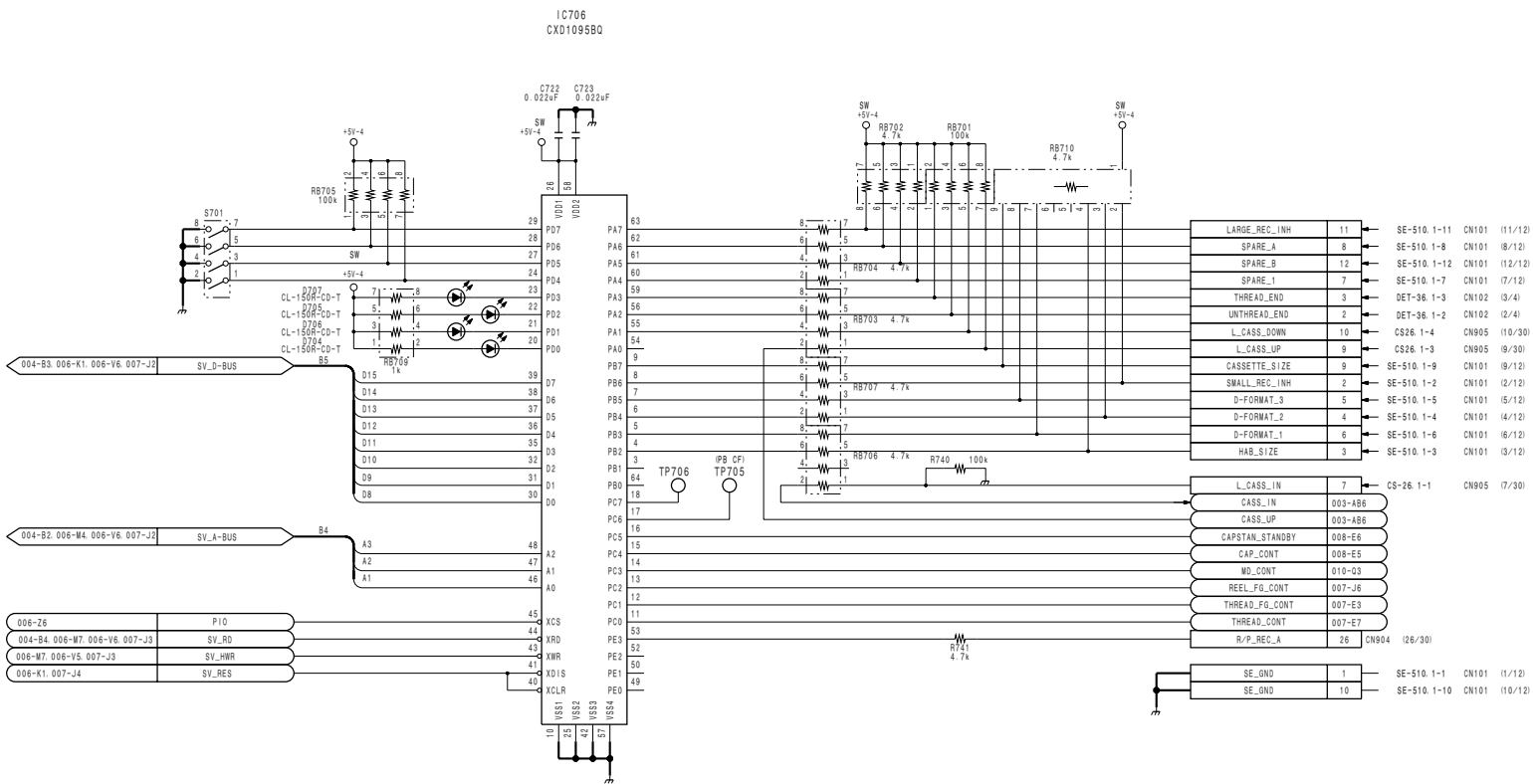
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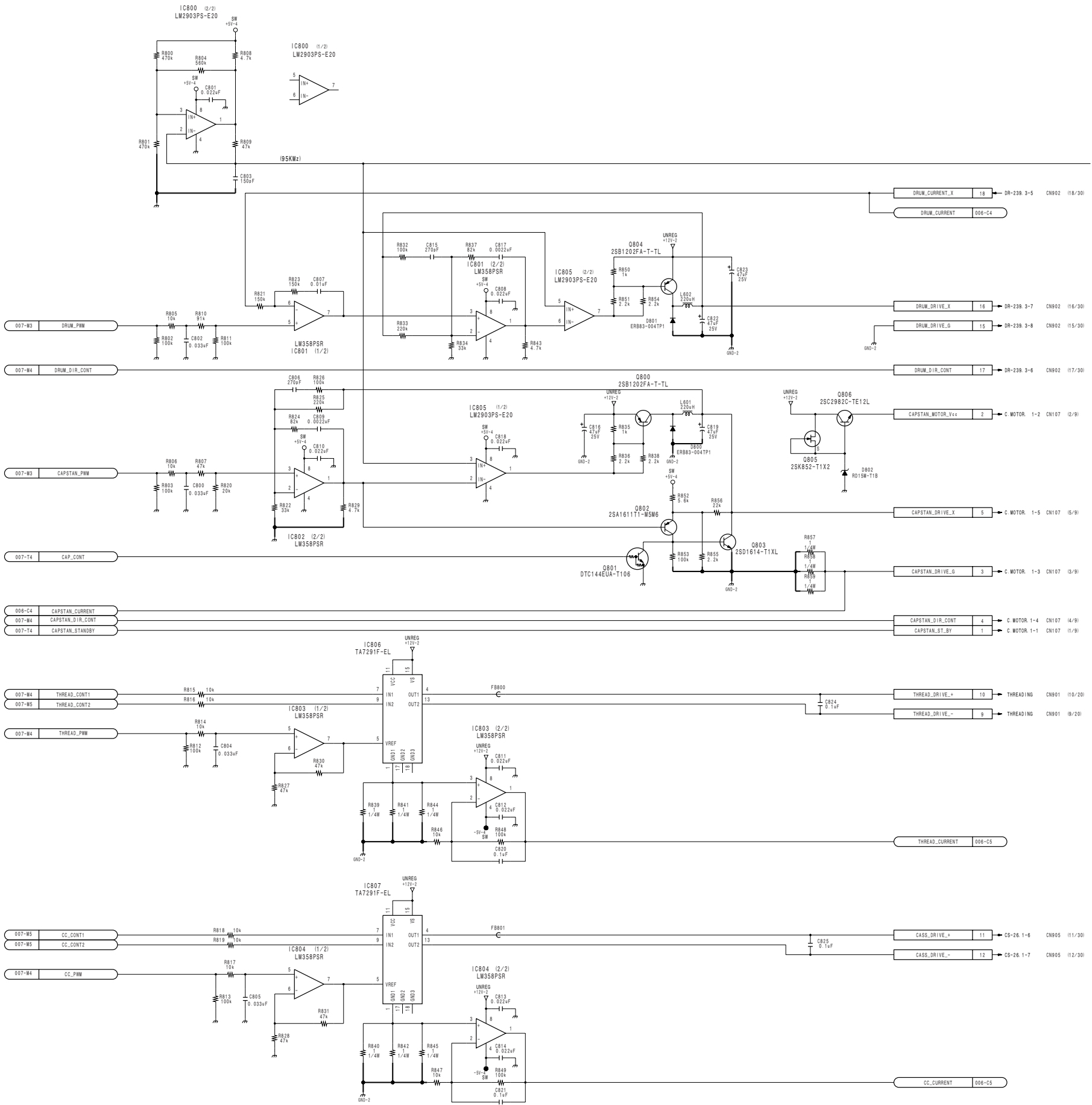


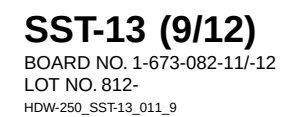


SST-13 (8/12)

BOARD NO. 1-673-082-11/-12
 LOT NO. 812-
 HDW-250_SST-13_011_8

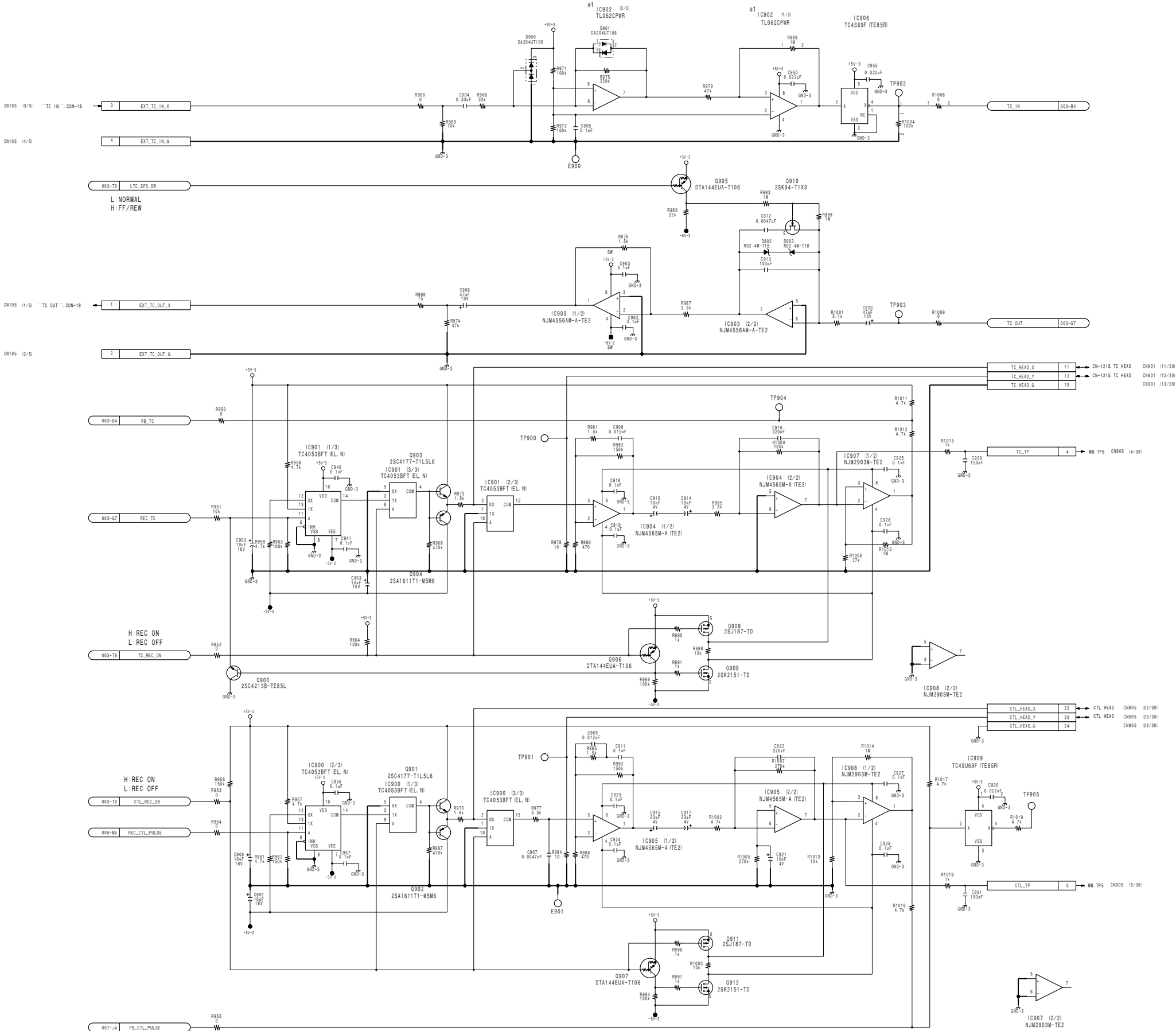
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

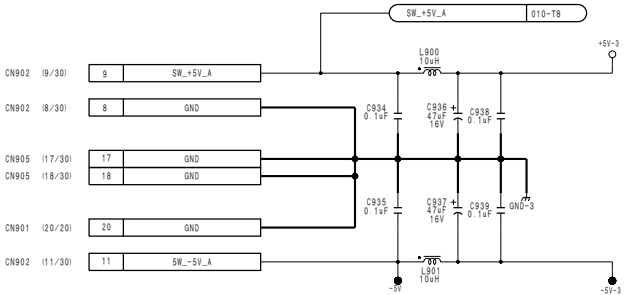
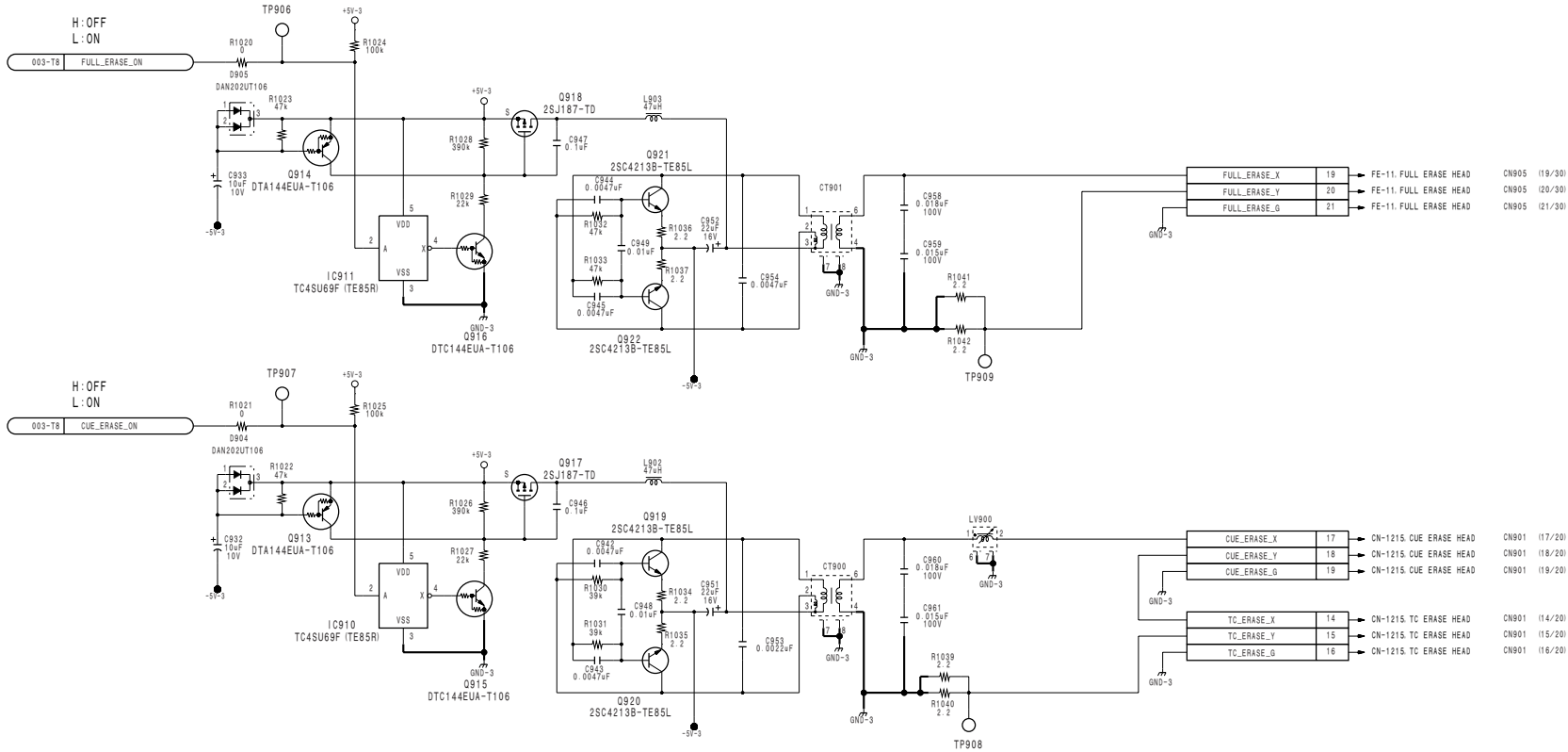




SST-13 (10/12)

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher





NOTE

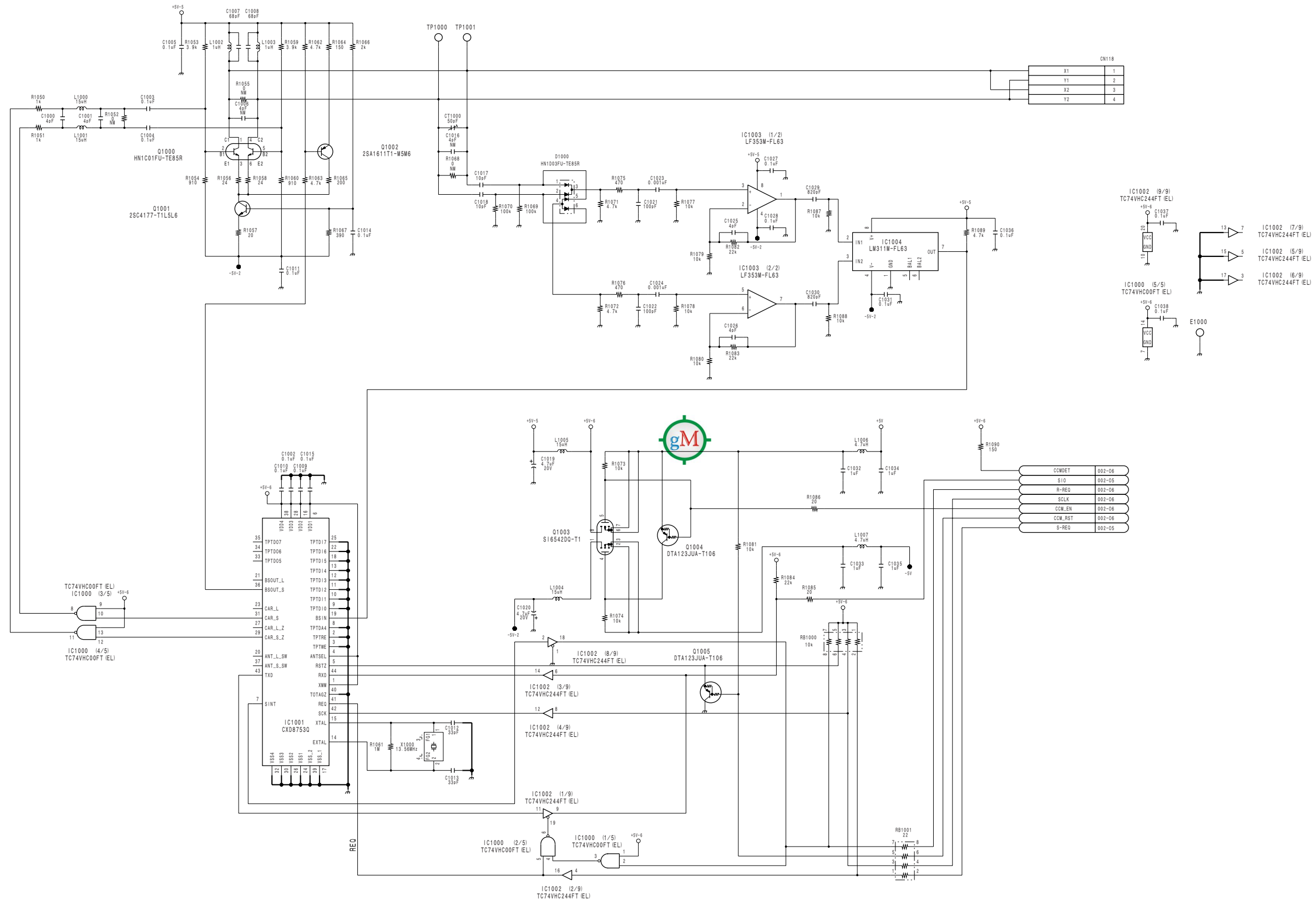
MARK	CHANGE INFORMATION	SERIAL NO.
*1	IC902 TL062CPW-E05 → TL062CPWR C953 0.0047uF → 0.0022uP R1030, 1031 47k → 39k	S/N30051~

SST-13 (10/12)

BOARD NO. 1-673-082-11/-12
LOT NO. 812-
HDW-250_SST-13_011_10

SST-13 (11/12)

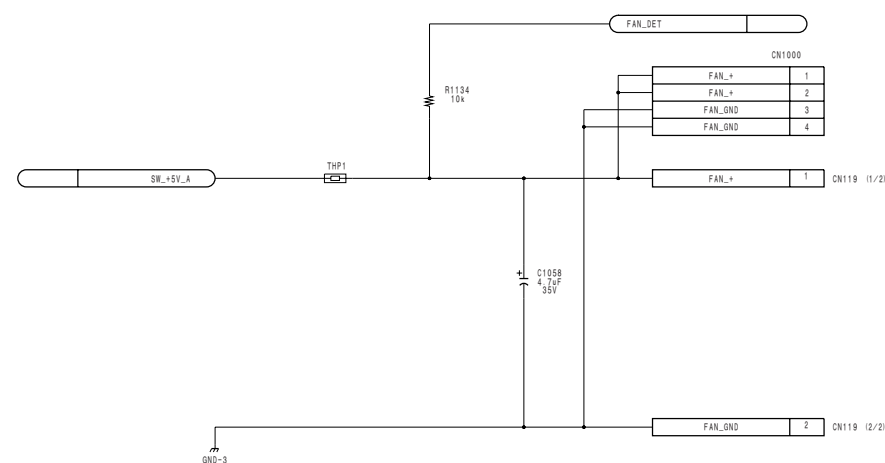
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



SST-13 (11/12)

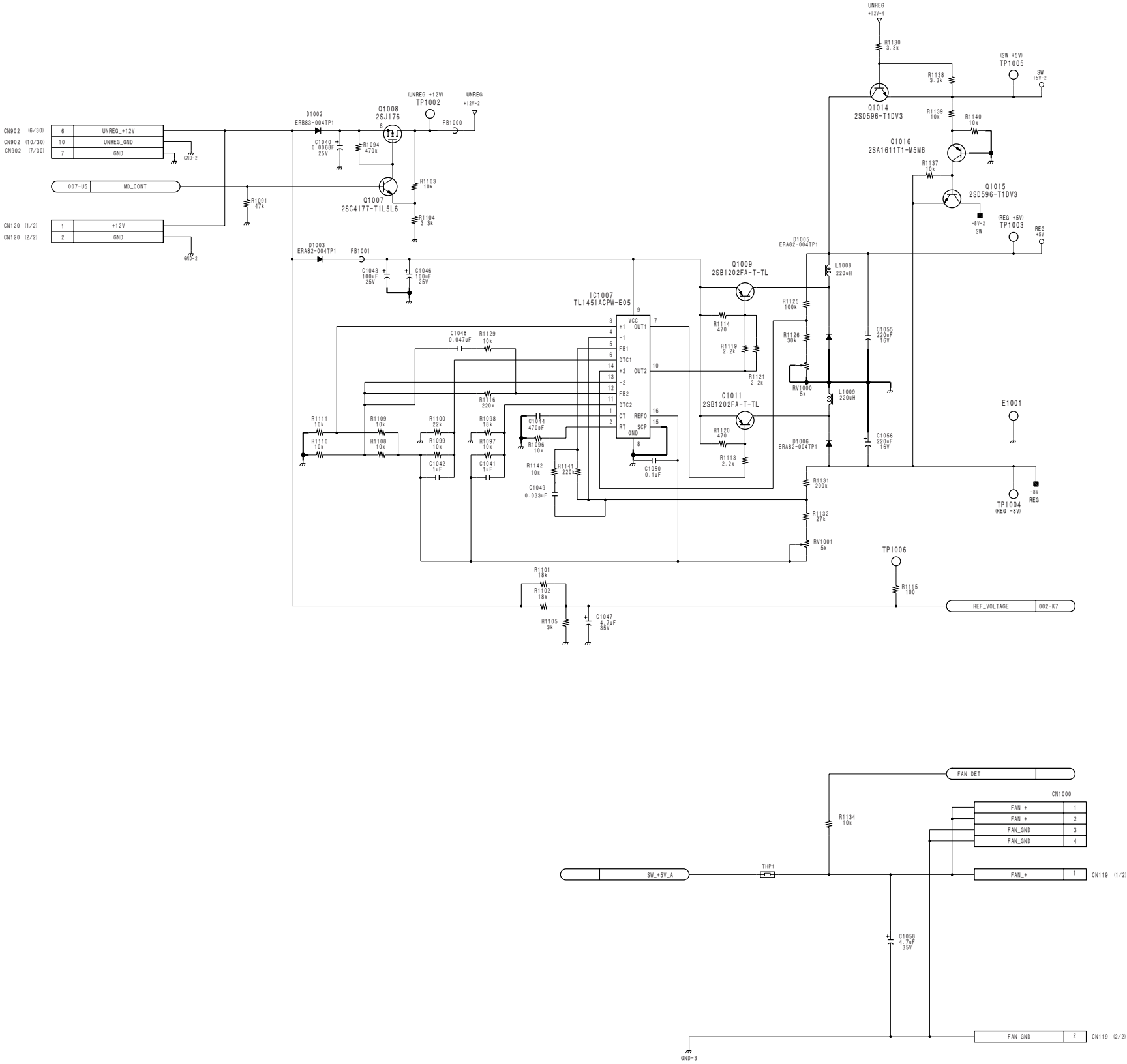
BOARD NO. 1-673-082-11/-12
LOT NO. 812-
HDW-250_SST-13_011_11

HDW-250



BOARD NO. 1-673-082-12
LOT NO. 903-
HDW-250_SST-13_012_12

HDW-250 (J) : S/N 30001 through 30050



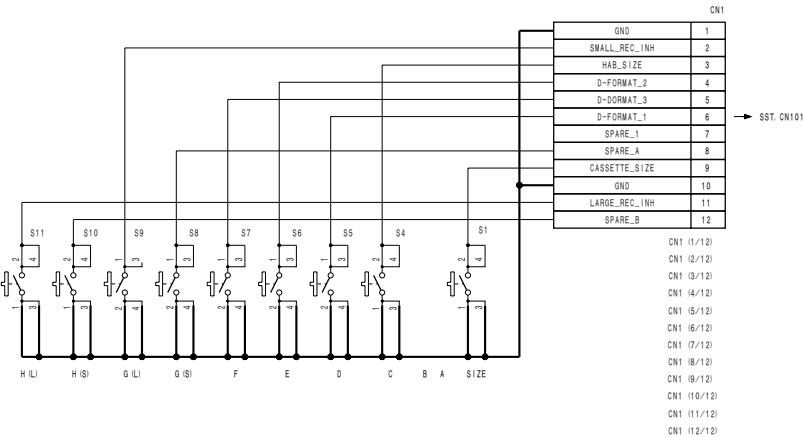
SST-13 (12/12)

BOARD NO. 1-673-082-11
LOT NO. 812-902
HDW-250_SST-13_011_12

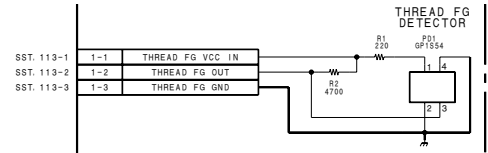
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



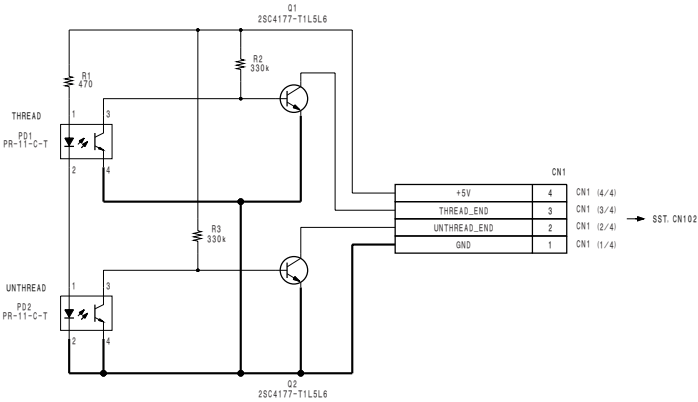
CN-1752
BOARD NO. 1-673-090-11
LOT NO. 812-
HDW-250_CN-1752_011_1



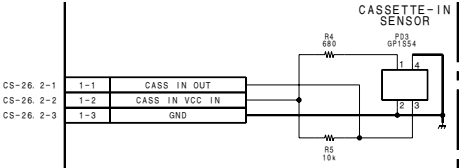
SE-510
BOARD NO. 1-673-075-11
LOT NO. 812-
HDW-250_SE-510_011_1



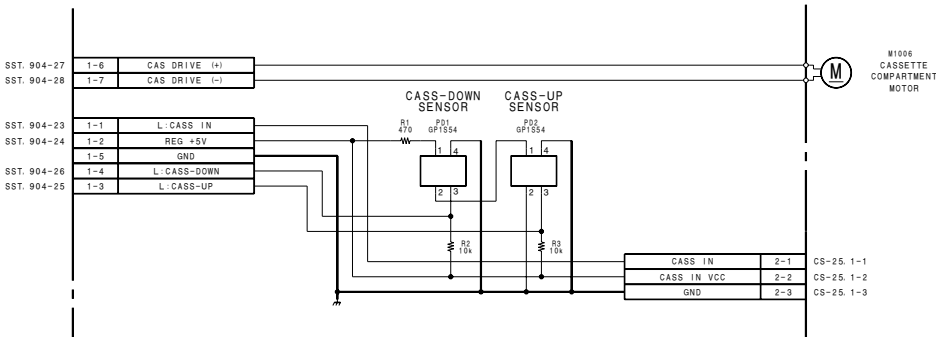
DET-15
BOARD NO. 1-638-705-12
LOT NO. 812-
HDW-250_DET-15_012_1



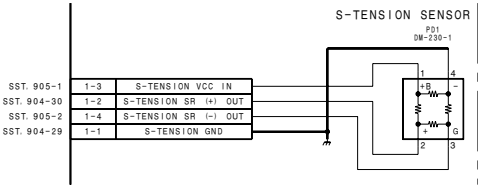
DET-36
BOARD NO. 1-673-076-12/-13
LOT NO. 812-
HDW-250_DET-36_012_1



CS-25
BOARD NO. 1-638-701-12
LOT NO. 812-
HDW-250_CS-25_012_1



CS-26
BOARD NO. 1-638-702-11
LOT NO. 812-
HDW-250_CS-26_011_1



TR-57
BOARD NO. 1-638-710-11
LOT NO. 812-
HDW-250_TR-57_011_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

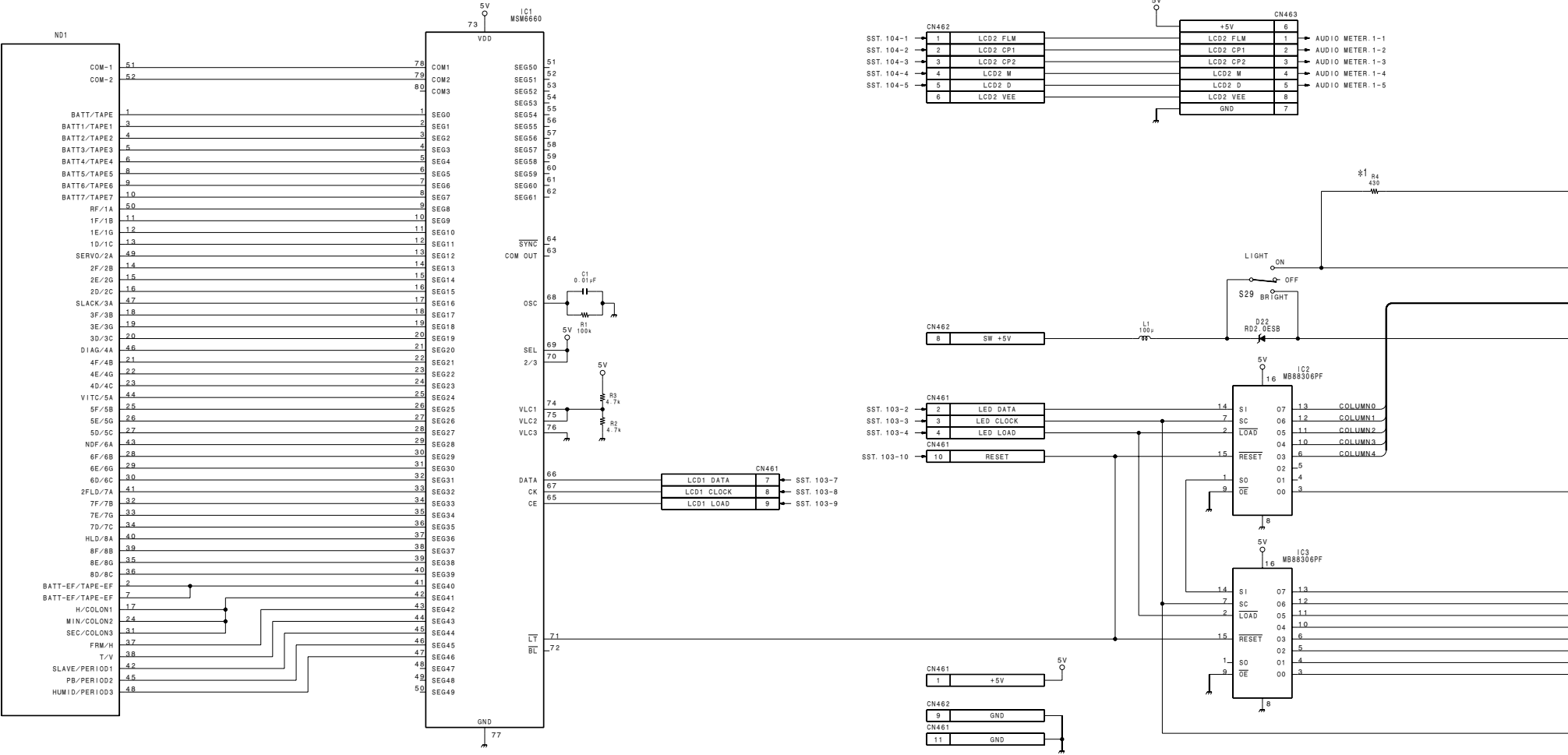
1

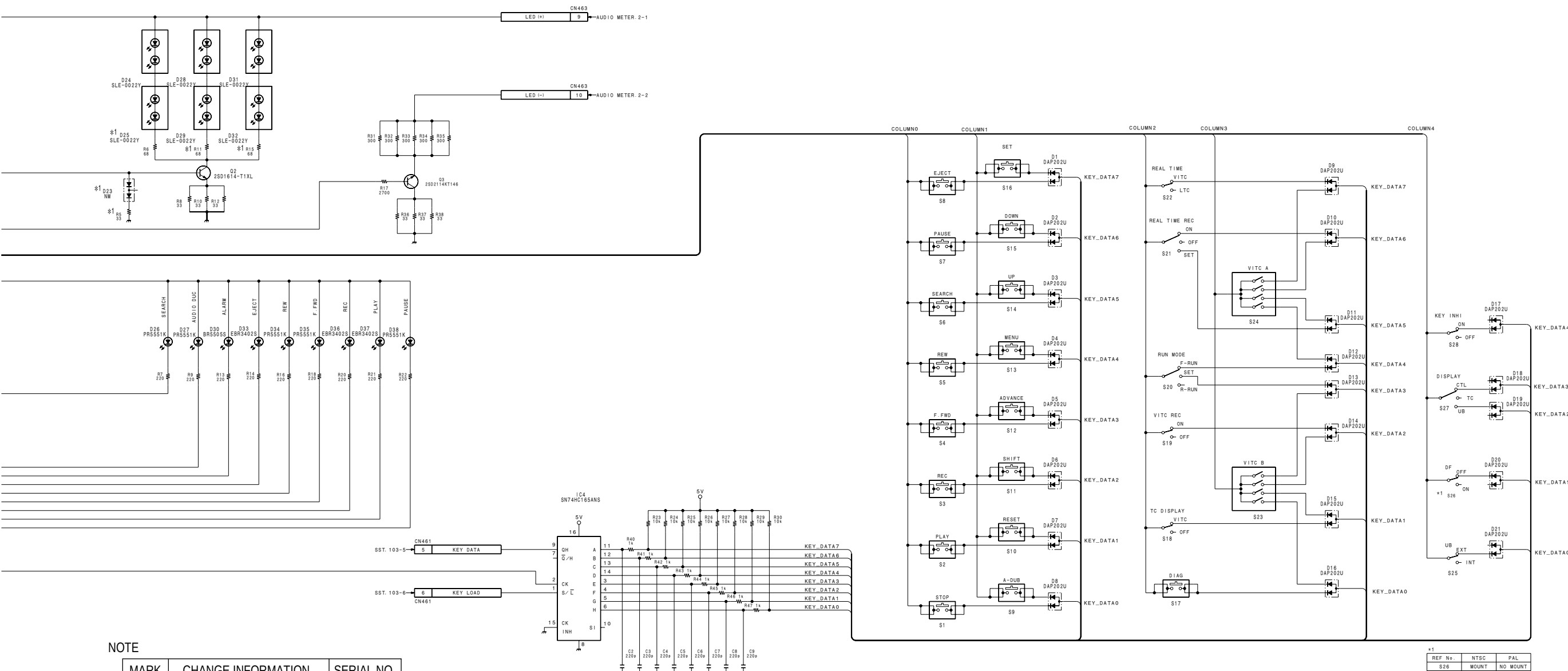
2

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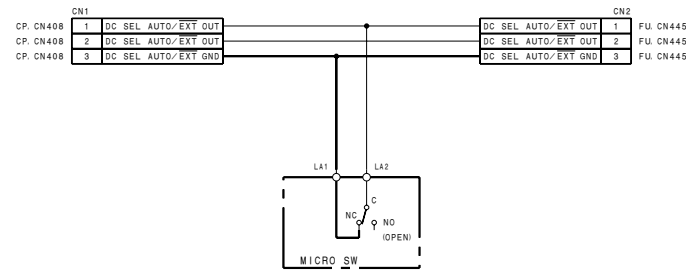
5





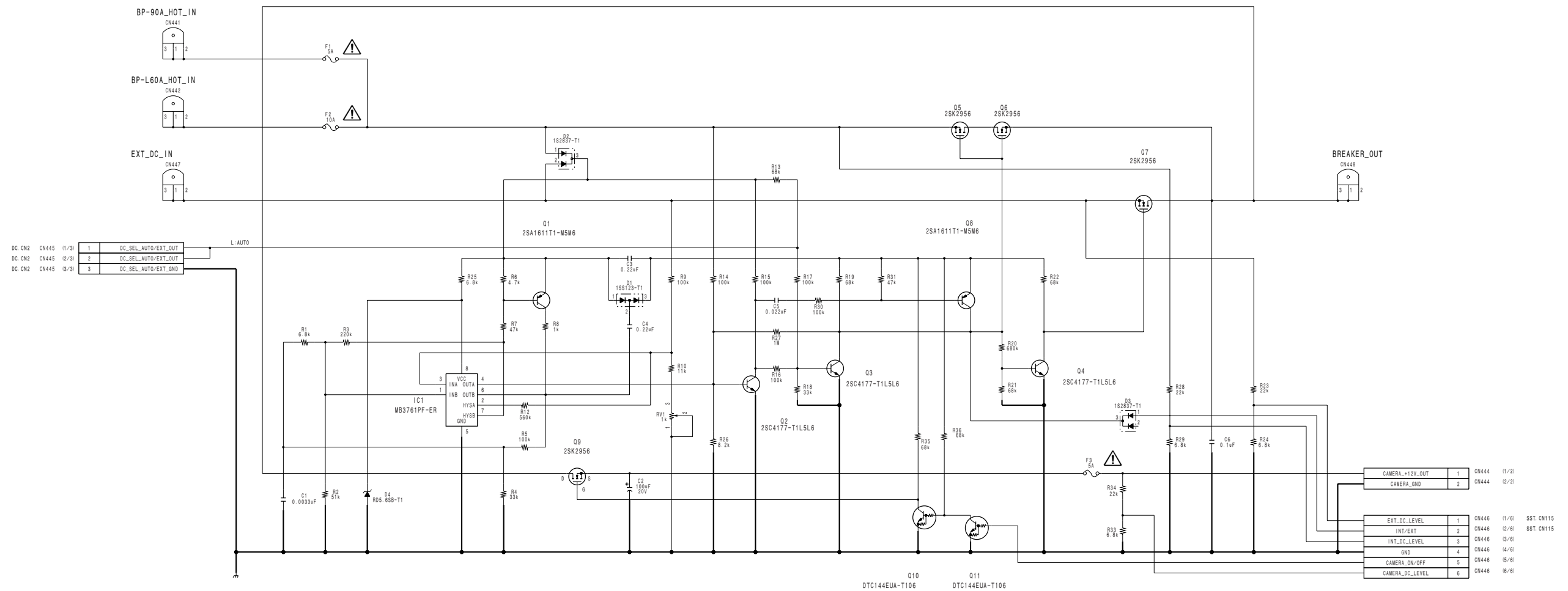
KY-315
BOARD NO. 1-657-807-11
LOT NO. 812-
HDW-250_KY-315_011_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher



DC-85

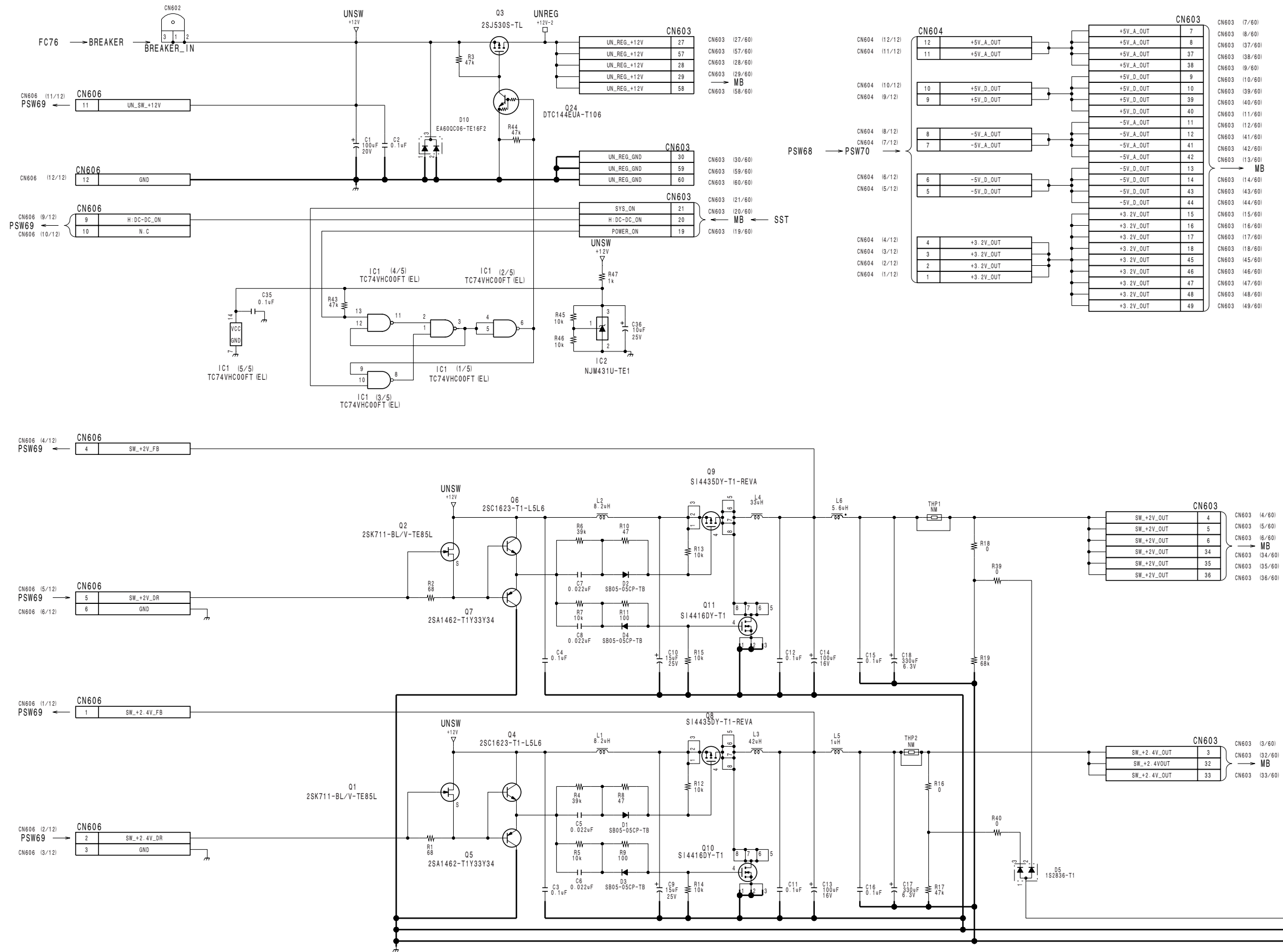
BOARD NO. 1-658-773-11
LOT NO. 812-
HDW-250_DC-85_011_1

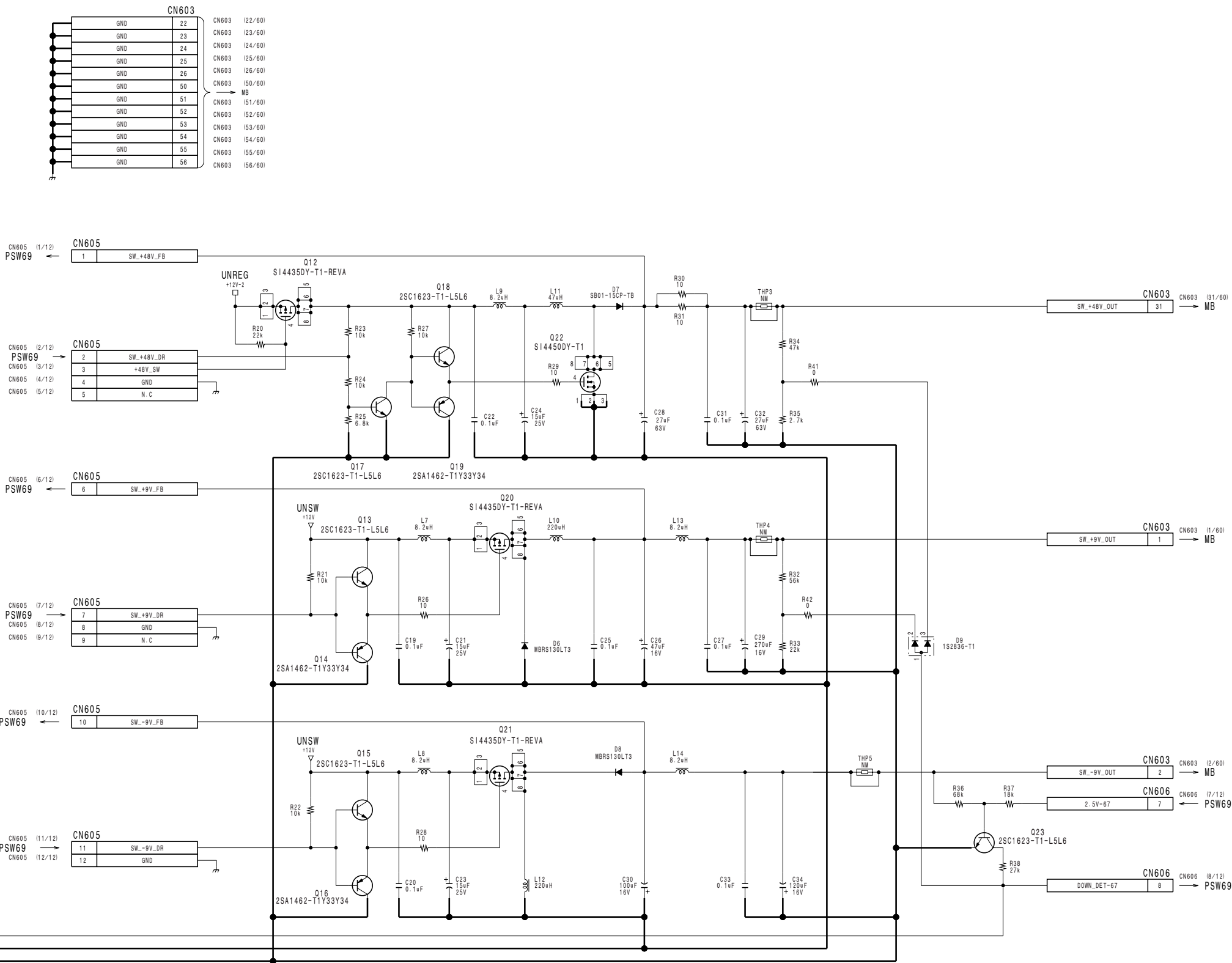


FU-76

BOARD NO. 1-673-087-12/-13
LOT NO. 812-
HDW-250_FU-76_012_1

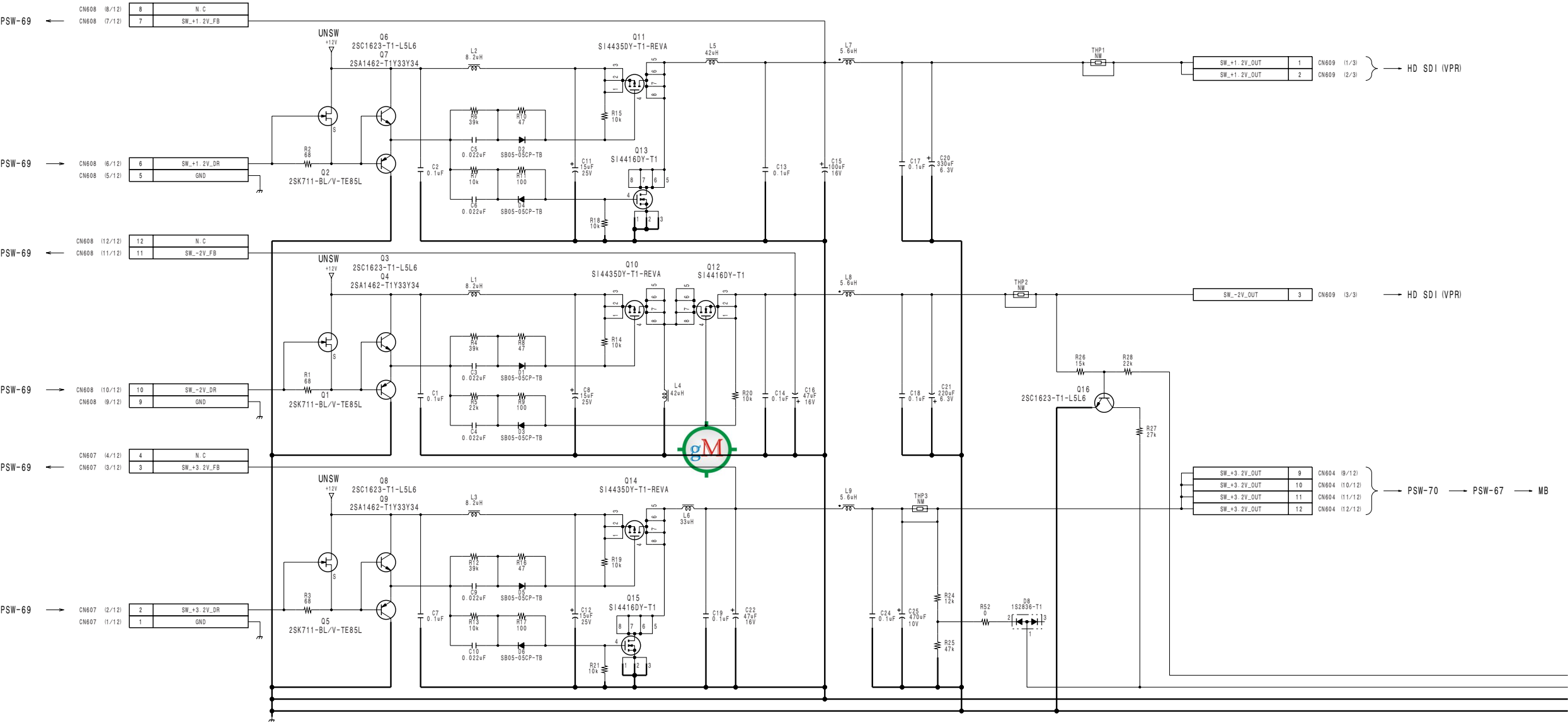
HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

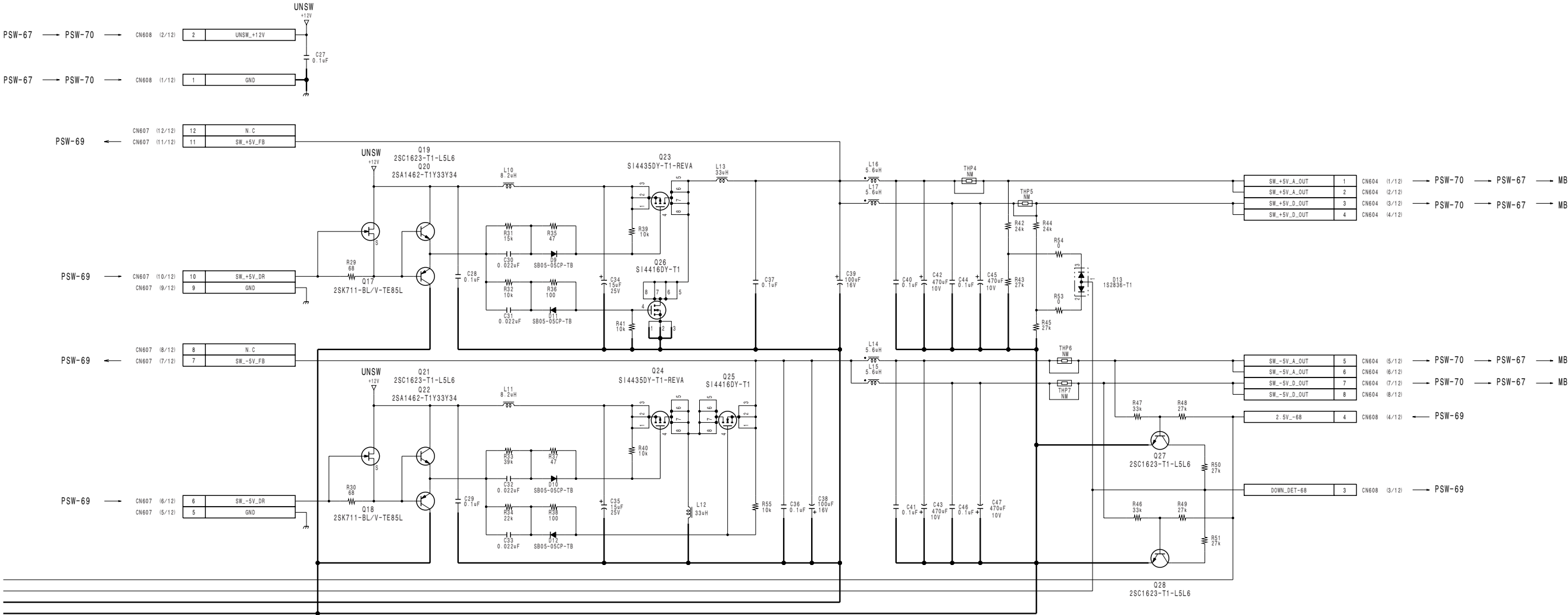




PSW-67
BOARD NO. 1-673-092-13
LOT NO. 812-
HDW-250_PSW-67_013_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher





PSW-68
BOARD NO. 1-673-093-11
LOT NO. 812-
HDW-250_PSW-68_011_1

HDW-250 (UC) : S/N 10001 and Higher
HDW-250 (J) : S/N 30001 and Higher

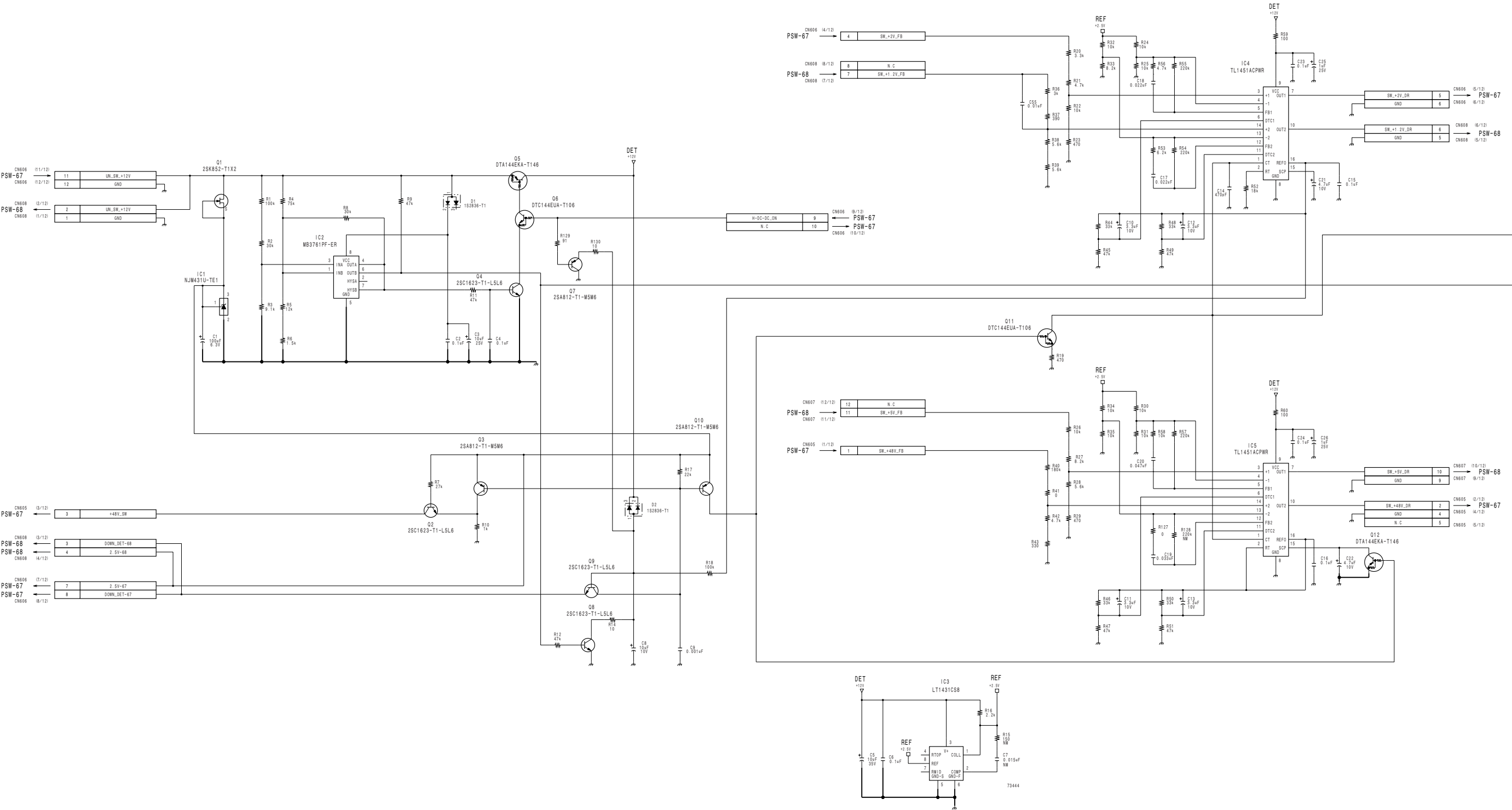
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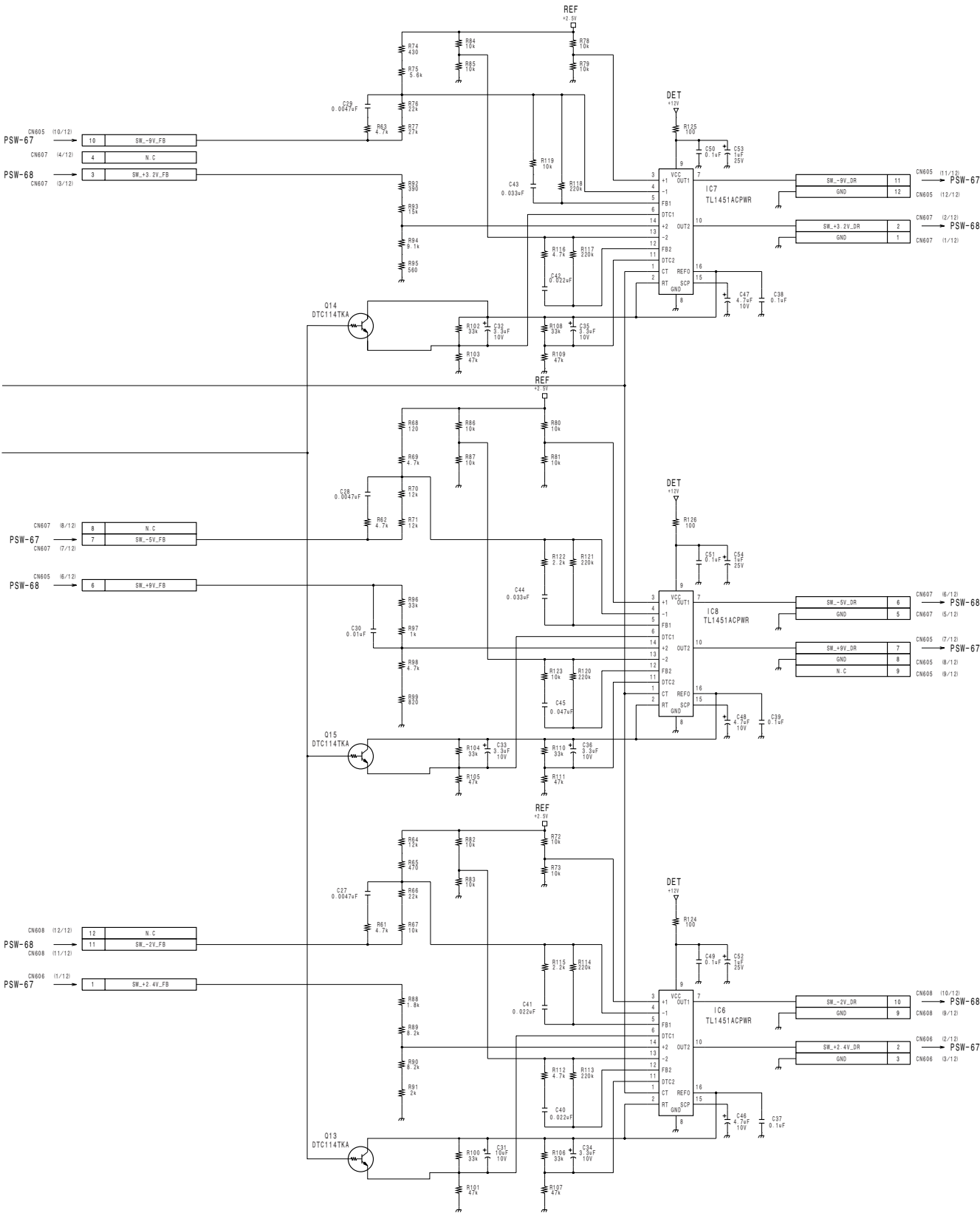
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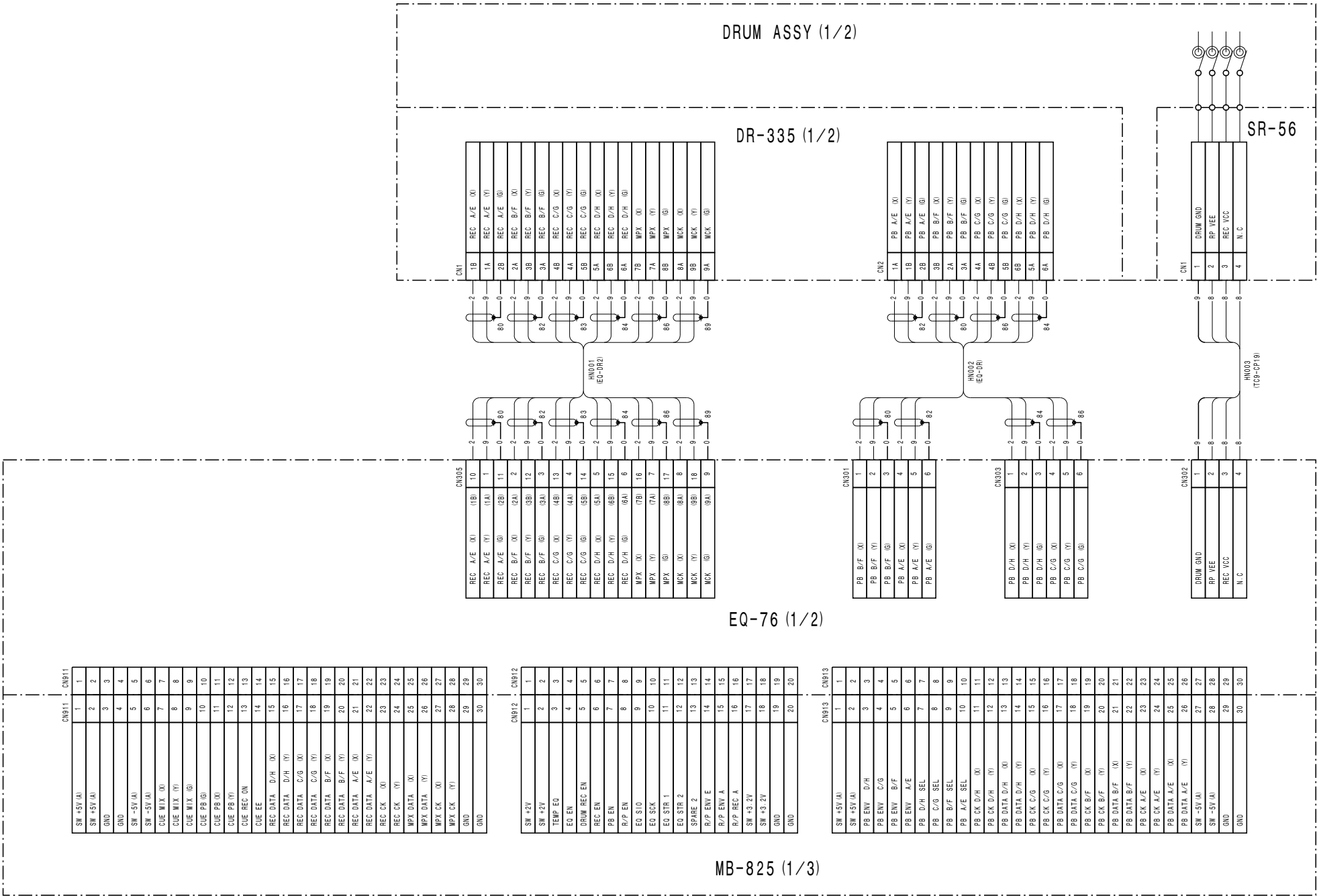
3

4

5







FRAME WIRING (1/3)

LOT NO. 812-

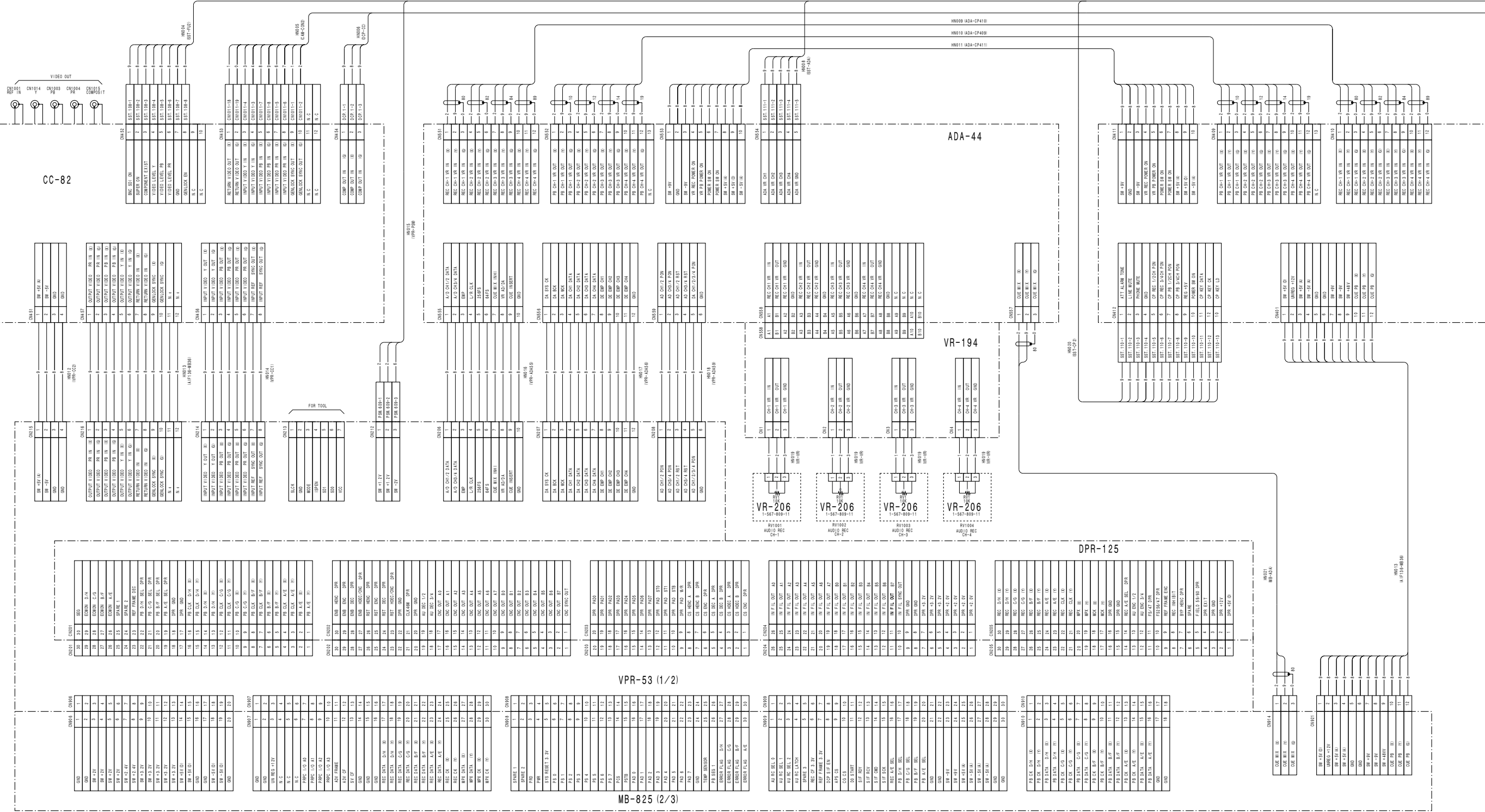
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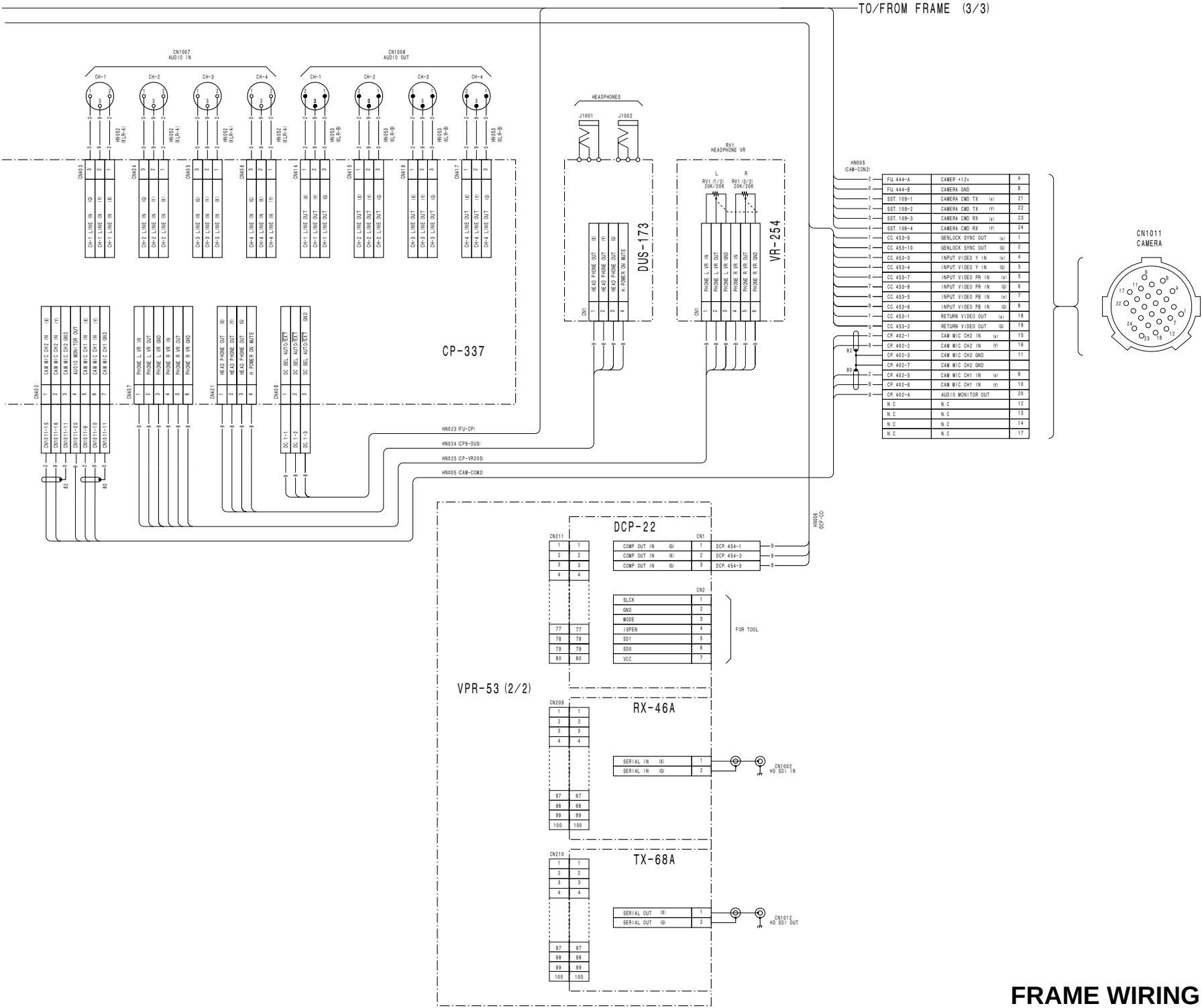
2

3

4

5





FRAME WIRING (2/3)

LOT NO. 812-





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